

## Contact

krish@snowpal.software

[www.linkedin.com/in/snowpal](http://www.linkedin.com/in/snowpal)

(LinkedIn)

[snowpal.com](http://snowpal.com) (Company)

[consulting.snowpal.com](http://consulting.snowpal.com)

(Company)

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(Company)

## Top Skills

Mobile Applications

Node.js

Express.js

## Languages

English (Native or Bilingual)

# Krish Palaniappan ~ is Looking ~ React, Node, Flutter, Rails, AWS ~ Start Organizing on Snowpal

Development Architect & CTO @ snowpal.com (Leadership/  
Development: Remote Work ONLY)

Ashburn

## Summary

### SUMMARY

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(NOTE: Remote Work ONLY)

I'm a Full Stack Development Architect who has been doing software development & architecture work for a while now. I also lead & manage projects end to end so I can help in more than one way.

Check out our SaaS Platform, Snowpal Pitch, by signing up on <https://snowpal.com> & bring more structure to your professional & personal life!

Remember to download the Mobile App from the App/Play stores.

🔗 Links: Product Development

\* Our SaaS Product - <https://snowpal.com>

\* LIVE (Desktop/Web) demo - <https://consulting.snowpal.com/pitch>

\* App Store: <https://consulting.snowpal.com/iOSApp>

\* Play Store: <https://consulting.snowpal.com/androidApp>

🔗 Links: Consulting

\* My Details: <https://consulting.snowpal.com/looking>

\* Profile: <https://consulting.snowpal.com/Krish>

\* Resume: <https://consulting.snowpal.com/Resume/Krish>

\* Website: <https://consulting.snowpal.com>

☞ Take a look at my profile and recommendations before you reach out to me. I take immense pride in my recommendations which have played a significant role in keeping me contiguously employed!

## TECHNOLOGIES

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Here is a quick list of some of the technologies I've worked on in the recent past.

- \* JavaScript: React, Node, Express, Backbone, Marionette
- \* Mobile: Flutter/Dart
- \* Ruby: Ruby on Rails, Sinatra, Grape, Rack
- \* Java: Spring, Hibernate, Liferay, RichFaces
- \* Databases: MongoDB, MySQL, Oracle, PostgreSQL, Redis
- \* Integration: Camel, RabbitMQ, ActiveMQ, Salesforce
- \* Deployment: EC2, AWS, Docker, Heroku
- \* Servers: Passenger, Tomcat, Nginx, JBoss

## ROLES

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Here are a few different ways I can help.

☞ As a Development Manager (or Director of Engineering or CTO)  
- You need end to end leadership help with product development & delivery.

☞ As an Architect  
- You need help architecting a new product from scratch, or improving an existing one to make it more current, performant, scalable or maintainable.

☞ As a Developer  
- You need help leading a development team, or are simply looking for an independent contributor to help out with development. Coding is my first love!

☞ As a Product Manager

- You need help defining the product requirements, or want someone to work closely & as a liaison between the product owners & developers.

### ☞ As A Problem Solver

- You have a varying list of ever changing software engineering needs and need someone who can do a bit of everything!

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## Experience

Snowpal Software Services, Inc.

5 years 2 months

CTO & Development Architect (Rails, Sinatra, Node, Flutter, React, TypeScript, Mongo, RabbitMQ)

January 2016 - Present (5 years 2 months)

Ashburn, Virginia

Specialization: Product Development

\*\* Sign up on <https://snowpal.com>, & Get Organized!

Working on doing just about everything needed to (a) Improving our SaaS Technology Platform, (b) Adding Vertical Services, (c) Extending iOS/Android mobile App functionality! Every hat that needs to be worn, I get the pleasure of wearing it :)

### ☞ Accomplishments

- \* Do full stack development work (Web + Mobile UI, API, Deployment, etc).
- \* Architect server side Rack/Node applications.
- \* Design UX/UI, & develop UI using Flutter, Dart, Backbone, RequireJS, CoffeeScript, jQuery, SaaS, HamI, Bootstrap, etc.
- \* Design & implement Web + Mobile APIs (~ 500 APIs).
- \* Design & implement messaging frameworks to handle asynchronous operations.
- \* Lead the integration effort (between the web/mobile and server side components).
- \* Handle GitHub PR Process & Heroku Deployment.
- \* Design data models, and integration with 3rd party services.

- \* Write code simultaneously in the following languages/frameworks/libraries
  - Dart, CoffeeScript, JavaScript, Backbone, React, Ruby, Rails, Sass, Gulp, Shell Scripts
- \* Create Test Plans; Set up DNS, routing, etc., etc.

Plus:

- \* Lead a technical team (ranging from 3 to 6 people).
- \* Define the requirements and do a competitive analysis periodically.
- \* Define all aspects of the architecture (application/system/database/etc).
- \* Set up the EC2 (+ other) infrastructure based on our ever changing hardware needs.
- \* Create the project plan and defining the milestones.
- \* Define SDLC based on agile methodologies.
- \* Set benchmarks for code quality, & do code reviews.

Technologies: Flutter, Dart, Ruby on Rails, Sinatra, Node.js, React, Mongoid, MongoDB, RabbitMQ, Gulp, AWS, REST, Heroku, CoffeeScript, Backbone, Handlebars, Haml

Rails Architect (React, Ruby on Rails, PostgreSQL, Heroku)  
November 2018 - December 2018 (2 months)  
Ashburn, VA

→ Client Industry: Travel

Worked on the architecture, design, development and deployment of React/Rails/PostgreSQL applications.

🔗 Technologies

Ruby on Rails, React, PostgreSQL, Heroku.

Senior Software Developer (Node.js, React, SQL Server)  
August 2018 - October 2018 (3 months)  
Ashburn, Virginia

Client Industry: Education

Worked on the design, development and deployment of React/Node applications.

Node Architect (Node.js, Express, GraphQL, Mongo, Facebook Auth, Google Maps, S3, EC2)

December 2017 - May 2018 (6 months)

Ashburn, VA

Client Industry: Non-Profit

Worked on several aspects of (mobile & server side) development starting with flushing out requirements, defining the architecture (of several apps), creating the design, and doing the actual development and deployment, amongst other things.

#### 📖 Accomplishments

- \* Worked closely with the client to define & finalize requirements, and translated them to technical design & architecture.
- \* Led efforts related to Systems, Application, Database & Integration Architecture.
- \* Developed the server side GraphQL Core API layer to serve multiple mobile and web clients.
- \* Integrated with Facebook, Google and Amazon for various services.

#### 📖 Technologies

Node.js, Express, GraphQL, MongoDB, Linux, EC2, OAuth, MySQL, AWS, ETL

Ruby Architect (Ruby on Rails, MongoDB, Sinatra, AWS, Linux)

October 2016 - November 2017 (1 year 2 months)

Ashburn, VA

Client Industry: Federal Government (dchealthlink.com)

Worked on the design, architecture & development of Ruby on Rails & Sinatra applications.

#### 📖 Accomplishments

- \* Worked on the architecture, design & development of mobile APIs.
- \* Architected, designed and implemented several Rack applications.
- \* Optimized MongoDB queries & implemented Mongoid caching.
- \* Managed pull requests, code reviews, git repositories and deployments to EC2 servers.

## 📄 Technologies

Ruby on Rails, Mongoid, Sinatra, MongoDB, Shell Scripting, AWS, Linux, REST, EC2, RSpec

## Walmart Global Tech

React Developer

September 2020 - December 2020 (4 months)

Ashburn, Virginia, United States

Client Industry: Ecommerce

Worked on the development of React Applications. A pure UI-only role for perhaps for the first time in my career. So, it was fun!

## 📄 Technologies

React, TypeScript, Node, Jest, Prometheus, Grafana, Splunk

## FireEye, Inc.

Rails Architect (Ruby on Rails, PostgreSQL, REST, Linux, OAuth)

May 2016 - September 2016 (5 months)

Ashburn, VA

Client Industry: Cyber Security

Worked on the architecture, design, development & deployment of Ruby on Rails applications.

## 📄 Accomplishments

- \* Worked primarily on designing & implementing REST APIs.
- \* Completely rewrote the Rails applications to improve code quality, handle exceptions better & in general, be more maintainable in the long run.
- \* Self-managed my tasks & the scope of work assigned to me.

## 📄 Technologies

Ruby on Rails, PostgreSQL, REST, Linux, Shell scripts

## CSRA Inc

## Java Architect (Spring, Hibernate, ReactJS, Oracle)

February 2016 - April 2016 (3 months)

Ashburn, VA

Client Industry: Federal Government

Worked on analyzing the design, architecture, performance, scalability and maintainability of a production JEE application with the ultimate aim of identifying issues and areas of improvement across the board.

### 📌 Accomplishments

- \* Cross sectional analysis of the code base (all tiers ranging from Web Services to UI to Service Layer to DAO to the Database objects).
- \* Detailed and thorough analysis of the design and architecture taking a bottom up approach (starting from a fully functional application with an existing code base to proposing how it can progressively change to accommodate both future needs and a changing technology environment).
- \* Designed & prototyped a caching solution using Ehcache.

### 📌 Technologies

ReactJS, Spring, Hibernate, AOP, SQL, JavaScript, Web Services, Tomcat, Git, IntelliJ

## Fannie Mae

Java Architect (Java, Spring, Hibernate, Backbone.js, RequireJS, Oracle)

October 2014 - January 2016 (1 year 4 months)

Ashburn, Virginia

Client Industry: Mortgage

Worked on providing Development & Architectural guidance for JEE applications.

### 📌 Accomplishments

- \* Reviewed the existing architecture of multiple applications to understand their shortcomings.
- \* Proposed architectural alternatives both to overcome deficiencies & improve the sustenance and maintainability of the applications in the long run.

- \* Built prototypes both to identify alternatives to existing solutions and to prove scalable architectures.
- \* Worked with middle and higher level management to present the findings and solutions.

#### 📖 Technologies

JEE, Java, Spring, Hibernate, Backbone.js, Oracle, Eclipse, JavaScript, CSS, jQuery, REST, XML, Dynatrace, WebSockets, Jackson, JSON

#### GCI Communication Corp.

Senior Ruby Developer (Sinatra, Ruby on Rails, Bootstrap, MySQL)

June 2014 - January 2016 (1 year 8 months)

Ashburn, VA

🏢 Client Industry: Telecommunications

Worked on the design, development and deployment of Ruby & Rack Applications.

#### 📖 Accomplishments

- \* Worked on designing and developing Rails, Sinatra and Grape applications from scratch.
- \* Worked on integrating a mixin library, grid framework and a JavaScript charting framework, amongst others, with multiple Ruby applications.
- \* Created Messaging prototypes using RabbitMQ (standalone scripts & app integration).
- \* Picked up a wide variety of software problems and provided timely solutions.

#### 📖 Technologies

Ruby, Sinatra, Rack, Rails, REST, MySQL, JavaScript, jQuery, HAML, RubyMine, Neat/Bitters/Bourbon, RabbitMQ, D3.js, CoffeeScript

#### Snowpal Software Services, Inc.

Ruby Architect (Sinatra, Node.js, MongoDB, AWS, WebSockets, EC2)

January 2014 - May 2014 (5 months)

Ashburn, VA

Client Industry: Pharmaceutical



Worked on the architecture, design, development & deployment of distributed Ruby Web Applications on the Amazon EC2 Cloud.

#### 📖 Accomplishments

- \* Architected, Designed and Developed Cloud-based Sinatra Applications
- \* Deployed the applications to Amazon EC2 and leveraged the AWS Services
- \* Defined the tasks/milestones & managed them
- \* Designed numerous RESTful APIs (& documented them on Apiary)

#### 📖 Technologies

Ruby, Sinatra, Node.js, Memcached, Rack, Passenger, Apache, Nginx, MongoDB, Mongoid, Web Socket, S3, REST, Trello/Apiary, AWS/EC2, aws-sdk

#### GCI Communication Corp.

Senior Ruby Developer (Sinatra, Grape, Ruby on Rails, CoffeeScript, MySQL)

November 2012 - December 2013 (1 year 2 months)

Ashburn, VA

🏢 Client Industry: Telecommunications

Worked on the architecture, design, development & deployment of Ruby applications.

#### 📖 Accomplishments

- \* Implemented new features, some on the UI side but mostly API changes.
- \* Wrote RSpecs for new, and existing code.
- \* Created Talend ETL jobs.
- \* Did some prototyping work using Backbone & Node.js.
- \* Learned a few Ruby tricks and approaches from much more experienced Sinatra developers!

#### 📖 Technologies

Sinatra, Ruby, Rack, MySQL, JMeter, RubyMine, Node.js, Express, JavaScript, Bitbucket, Mercurial, Git

Synapse Group Inc.

Senior Java Developer (Java, JSF, JBoss Portal, Spring, Hibernate, Oracle)

April 2011 - October 2012 (1 year 7 months)

Ashburn, VA

Client Industry: Ecommerce

Worked on the design, development, architecture and tuning of a clustered JSF-based JBoss Portal application, running against an Oracle instance, for a large media client.

#### ☞ Responsibilities

- \* Identification of the performance bottlenecks across the n-tiers of the application stack.
- \* Definition, creation and management of the project plan for addressing the performance issues.
- \* Proposal of architectural improvements and changes to help resolve the issue.
- \* Evaluation, Design, Architecture & Development of the complete User Interface using a Template Engine.
- \* Prototyping the proposed alternatives, for all of the above.

#### ☞ Accomplishments

- \* Generated heap distribution histograms using the Eclipse-based Memory Analysis Tool & VisualVM.
- \* Analyzed the histograms to identify the object distribution in the heap.
- \* Identified the RichFaces, JBoss Portal and the custom application (Java) objects that contributed mainly to the heap.
- \* Identified various alternatives to reduce the memory footprint both at a per-session level and across sessions.
- \* Prototyped the various options proposed above including an alternative that extended both RichFaces and the JBoss Portlet Bridge to allow JSF View Sharing across sessions.
- \* Designed & Architected an alternative User Interface using Template Engines.
- \* Prototyped the Template-based solution using FreeMarker (after a comprehensive, hands on evaluation of competitive offerings).

- \* Worked on the development of several new features (using a combination of RichFaces & jQuery UI in the front end, and Spring/Hibernate/Oracle in the back end, amongst others).
- \* Identified the Oracle Views that were expensive and tuned them.

#### ☞ Technologies

JSF, RichFaces, JEE, Java, JBoss Portal, Spring, Hibernate, Apache Web Server, JBoss AS, Clustering, Caching, Oracle, SQL, PL/SQL, JavaScript, jQuery, CSS, Ant, Portlets, Shell Scripts, Eclipse, Git, Confluence, Jira, VisualVM, Eclipse MAT

#### Snowpal Software Services, Inc.

Liferay Architect (Java, Liferay, Hibernate)

November 2011 - January 2012 (3 months)

Ashburn, VA

☞ Client Industry: Telecommunications

Worked on developing Liferay Portlets and Themes for a telecommunication client. Helped define both the technical tasks and LOEs, and lead the development team from a technical standpoint, amongst other things.

#### ☞ Responsibilities

- \* Definition of the Architecture for the new Liferay Portlets.
- \* Supporting the development team in the design and implementation of the Liferay Themes and Portlets.
- \* Technical Project Management: Definition & tracking of technical tasks.
- \* Identification of architectural areas of improvement and proposing recommendations to management.
- \* Served as the liason between the client and the development team from a technical standpoint.

#### ☞ Accomplishments

- \* Developed and supported the development of Liferay Portlets & Themes.
- \* Helped in the design of the database schema.
- \* Helped in the creation of database migration scripts.

#### ☞ Technologies

JEE, Liferay, Tomcat, Service Builder, Themes, Portlets, MySQL, Eclipse, SVN, JUnit, JavaScript, Alloy, Ant, Java, Eclipse, SQL, Confluence, Jira

## Northrop Grumman

Senior Java Architect & Engineering Lead (Java, Liferay, Spring, Hibernate, Oracle)

June 2010 - May 2011 (1 year)

McLean, VA

Client Industry: Federal Government

Worked on building an n-tier, distributed, SOA-based JEE application for a large client.

### 📖 Accomplishments

- \* Led a large technical team (hardware/software).
- \* Defined the System, Application, Security, Database and Portal Architecture.
- \* Led the design, architecture, implementation and testing efforts.
- \* Defined both software and hardware (blade server) requirements.
- \* Defined the Software Development Process for delivering design-pattern and enterprise-integration-pattern driven Web 2.0 applications.
- \* Identified JEE/Oracle tools, technologies and frameworks with a heavy focus on open source and standards-based solutions.
- \* Laid the groundwork for a potential JEE/.NET Hybrid Architecture that aimed to integrate an open source heavy JEE stack with a legacy .NET stack.
- \* Helped define the Configuration Management process.
- \* Helped define the overall technical plan & milestones to deliver a quality product in time.
- \* Created a Web Application that integrated with Liferay Portal via SSO.
- \* Created custom JBoss JAAS Login Modules to support CAC-based authentication.
- \* Created custom portlets and integrated both 3rd party and OOTB Liferay Portlets.
- \* Leveraged numerous jQuery components to build the User Interface.
- \* Supported AJAX in all the custom Struts Portlets that used both the Spring and Hibernate Frameworks.
- \* Configured the Apache Web Server to point to a clustered JBoss AS. Enabled Clustered SSO.
- \* Worked on identifying and resolving memory/thread leaks issues.

\* Helped define the Configuration Management process to facilitate Continuous Integration amongst other things.

#### ☞ Technologies

Struts2, jQuery, Spring, Hibernate, JEE, Oracle, Apache ActiveMQ, Apache CXF, SiteMesh, Apache Camel, Apache ServiceMix, Liferay Portal, RHEL, Eclipse, Java, Ant, Maven, JUnit, Mockito, JAAS, JBoss, SVN, SOA, Web Services, ESB, Confluence, Jira, Crucible, Luntbuild

#### Fannie Mae

Java Architect (Java, Oracle)

April 2010 - June 2010 (3 months)

Reston, VA

Client Industry: Mortgage

Worked on identifying requirements, proposing alternatives, making technology choices and defining the architecture for a suite of applications.

#### ☞ Accomplishments

\* Defined the architecture for an n-tier SOA-based application that included, amongst other things, identification of the discrete services and service orchestration using a BPEL/jBPM based workflow engine.

\* Defined the System, Logical, Software, Security and Database Architecture with finer design level details.

\* Refactored the projects to eliminate duplication of libraries and facilitate more efficient development.

#### ☞ Technologies

JBoss AS, Java, JEE, JSP, Ant, Oracle, SQL, Eclipse, SQL Developer, SVN, Confluence

#### Northrop Grumman

Senior Java Developer (Spring, Hibernate, Tapestry, Oracle)

December 2009 - April 2010 (5 months)

Fairfax, VA

Client Industry: Federal Government

Worked on making enhancements to the Defense Travel System (DTS). It was a Spring-based JEE application that used Hibernate, Tapestry and Oracle amongst other technologies.

#### 📖 Accomplishments

- \* Worked on the DTS Import/Export module that pretty much supported most of the user actions except from the backend.
- \* Created several Spring based services, added Hibernate DAOs, refactored code to conform with OOP standards, identified concurrency and locking issues, etc.
- \* Resolved issues identified by FindBugs & PMD, and added numerous JUnit tests using Mockito and EasyMock.
- \* Reviewed code, followed processes and met deadlines!

#### 📖 Technologies

Spring, Hibernate, Tapestry, Oracle, Tomcat, Web Services (SOAP), Eclipse, SVN, JUnit, EasyMock, JDBC, SQL, PL/SQL, Maven, Linux, Mockito

#### Grab Networks (formerly Anystream)

Senior Software Developer (Ruby on Rails, Java, Spring, Hibernate, JBoss Portal)

June 2007 - November 2009 (2 years 6 months)

Sterling, VA

Client Industry: Software (Product) Development

Worked on designing, architecting and developing both Ruby on Rails and JEE applications (in addition to leading smaller teams).

#### 📖 Accomplishments (Ruby on Rails, MySQL, AWS, EC2):

- \* Designed and developed a distributed, workflow based RoR application using openWFeru.
- \* Designed and developed a messaging layer for distributed transactions.
- \* Designed a service that created and transferred artifacts back and forth from S3 (EC2).
- \* Created numerous mixins, libraries, plugins, gems, capistrano scripts.
- \* Deployed the applications to mongrel locally and to Phusion Passenger in the Cloud using capistrano tasks.

- \* Worked on a search implementation that leveraged the full-text Sphinx search engine.

#### ☞ Accomplishments (Java, JEE, Oracle):

- \* Designed, architected and implemented a SOA-based Messaging Framework that was built using Active MQ and Apache CXF amongst other technologies.
- \* Implemented various custom JAAS login modules.
- \* Implemented a custom Tomcat authenticator/valve to enable transparent authentication from 3rd party applications.
- \* Created several JBoss Portal portlets.
- \* Created numerous Oracle views and leveraged the Oracle analytical functions quite heavily to tune the performance of the Oracle Database.
- \* Leveraged the SiteMesh decorator framework (now, merged to Struts2) to ensure a consistent look-and-feel across several web applications.
- \* Designed and developed the Subscriptions and Preferences frameworks integrating with ActiveMQ.
- \* Prototyped the CASification of web applications and CASified disparate applications running on different containers (built on different stacks) successfully.

#### ☞ Technologies

Struts, JBoss, Ruby on Rails, SVN, Eclipse, Oracle, Tomcat, Ant, Java, J2EE, JAAS, CAS (SSO), JDBC, SQL, JSP, JSTL, Spring, Hibernate, Linux, JBoss Portal, JavaScript, CSS, PL/SQL, CAS, ActiveMQ, MySQL, Capistrano, openWFEru, ActiveMessaging, ActiveRecord, libxml-ruby, builder, Shell Scripts

#### SunRocket

Senior Java Developer (Spring, Hibernate, MySQL)

January 2007 - June 2007 (6 months)

Vienna, VA

☛ Client Industry: Telecommunications

Worked on the design and development of Service-Oriented Architecture (SOA) applications using Spring & Hibernate.

#### ☞ Accomplishments

- \* Used XMLBeans for Java-XML binding and XFire for the development of web services.
- \* Extended the database knowledge to include MySQL. Designed scalable & extensible schemas.
- \* Designed & implemented workflows using JBoss jBPM.

#### ☞ Technologies

J2EE, Spring, Hibernate, Java, MySQL, Tomcat, Apache, JBoss, jBPM, JMS, EJB (MDB), Linux, XMLBeans, Ant, Ivy, Eclipse, SVN, MySQL Query Browser.

### BlackStratus

Senior Java Developer (Core Java, Oracle)

November 2006 - January 2007 (3 months)

Reston, VA

Client Industry: Software (Product) Development

Worked as a development team lead with direct reports.

#### ☞ Accomplishments

- \* Led the Technology Integration and Database Development team, and was responsible for the (possible) integration of the nFX OSP product with Macana's SSL server and Netcraft.
- \* Gained some knowledge on security vulnerabilities.

#### ☞ Technologies

Java, JEE, Oracle, Eclipse, SVN

### Oracle

Principal Member of Technical Staff (Java, Oracle WebCenter, SQL, PL/SQL, Oracle)

April 2001 - November 2006 (5 years 8 months)

Reston, VA

Client Industry: Software (Product) Development



Worked in the esteemed Server Technologies division for multiple products and had a wonderful employment experience working with some of the best minds in the business.

#### 📖 Accomplishments

- \* Worked for the Oracle Fusion Middleware team.
- \* Led the management and development activities for the JCR Portal Adapter product.
- \* Designed, architected and developed the Portal Adapter that implemented the JSR-170 APIs.
- \* Designed & implemented the caching layer for the adapter using Java Object Caching (JOC).
- \* Worked with the JDBC team in Oracle and identified performance issues with the JDBC drivers.
- \* Worked with the load testing team in identifying potential memory/thread leaks and improving both performance and scalability.
- \* Worked with the JSF Data Binding team to help integrate the Portal Adapter into Oracle JDeveloper (as a plugin).
- \* Designed & developed numerous Content Management/Integration related features for Oracle Portal & Oracle WebCenter Suite.
- \* Designed and developed the Content Management Event Framework that used Oracle Streams Advanced Queuing to extend the Oracle Portal offering.
- \* Worked on Oracle Portal Internationalization (i18n).
- \* Worked on these products spanning several major, minor and patch releases.
- \* Worked closely with the product management, development, testing, curriculum, documentation, integration, support and consulting teams.
- \* Helped define incremental steps to continually improve both the process and the codebase.
- \* Backported several features and bug fixes across releases.
- \* Performed over 500 code reviews.
- \* Fixed about 1300 bugs & filed about 600 bugs.

#### 📖 Technologies

JEE, Java, Oracle Database, JavaScript, XQuery, XPath, XML, JDBC, JOC, SQL, PL/SQL, CSS, HTML, Ant, JSR-168/170, Oracle AS, Design Patterns, Portal (Content Management, Content Integration)

Diebold Nixdorf

Java Developer (C, Java, Oracle)

August 1999 - April 2001 (1 year 9 months)

North Canton, OH

Client Industry: Travel

This was my very first software development job but had the opportunity to work on multiple products based on completely different technology stacks (C & J2EE)!

#### 📖 Accomplishments

- \* I led a small team and successfully completed a module that used the latest (& largely undocumented) technologies at that point (XSLT, XPath, etc.).
- \* Performed DBA-like duties for the iqTPS product, and was involved in tuning the application periodically.
- \* Implemented the reporting module for both the products using 2 different technologies (Pro\*C versus J2EE).
- \* Designed and developed HTML pages (with javascript) & JSPs.
- \* Defined several XSDs and created the XML files containing the SQL queries and other metadata. Used SAX APIs to parse the XML files.
- \* Used DOM/JDOM to create XML representations of the resultset which were then transformed to either HTML/PDF using XSLT stylesheets (using Xalan).

#### 📖 Technologies

JEE, Java, Oracle, AIX, Pro\*C, HTML, XML, XSLT, Xalan, XSD, JavaScript, JSP, XPath

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## Education

University of Houston

Master's, Hospitality Information Systems · (1997 - 1999)

Birla Institute of Technology and Science, Pilani

Master's, Management Information Systems · (1992 - 1997)

Birla Institute of Technology and Science, Pilani

Master's, Biological and Engineering Sciences · (1992 - 1997)

Gill Adarsh Matriculation Higher Secondary School  
High School, Computer Science · (1984 - 1992)