**Krish Palaniappan**

Software Architect, CTO, Developer

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**Summary**

I’ve been building Software for over 2 decades now, and have therefore done a fair bit of development and architecture work across a number of stacks, in addition to playing a number of different roles in companies of varying sizes.

A few different ways I can help.

* Web or Mobile App Development.
* Creating APIs using GraphQL or REST.
* UI or Server Side Architecture.
* Server Side Integration or SSO.
* Leading Engineering Teams.

**Other Interests**

* [Teaching](https://learn.snowpal.com), [Technical Podcast](https://consulting.snowpal.com/podcast)
* [Blog](https://blog.snowpal.com), [Medium](https://snowpal.medium.com/), [YouTube](https://www.youtube.com/%40snowpalprojectmanagement5708), [Vimeo](https://consulting.snowpal.com/vimeo)
* [Animated ADs](https://marketing.snowpal.com/)

**Experience**

| *When* | *Who (Role, Client)* | *What (Responsibilities)* | *How (Technologies)* |
| --- | --- | --- | --- |
| 01/16 to Present | Architect & Developer, [Snowpal](https://consulting.snowpal.com) | Lead the engineering team and am responsible for all aspects of development.Check out our [Web Apps](https://snowpal.com), [iOS App](https://consulting.snowpal.com/iOSApp), [Android App](https://consulting.snowpal.com/androidApp), and [APIs](http://aws.snowpal.com) on the Gateway*.* | Flutter, Dart, GoLang, React, NestJS, Ruby on Rails, Node.js, MongoDB, RabbitMQ, AWS (*API Gateway, Lambda, Layer, IAM, CloudFormation, DynamoDB*), Sinatra, REST, Heroku |
| 05/22 to 11/22 | Senior Software Developer, [Outreach](https://outreach.io/) | Worked on Ruby on Rails development. And a fair bit of Go! | Ruby on Rails, Go, RSpec, MySQL, Postgres, Kubernetes,Datadog, Honeycomb |
| 11/21 to04/22 | Node Architect & Developer, [Aon](https://www.aon.com/) | Worked on design, architecture, development & deployment of Node/NestJSapplications. | Node, NestJS, MongoDB, Kafka, Kubernetes, Mongoose,TypeScript, Azure |
| 02/21 to10/21 | Senior Staff Software Engineer, [RunaHR](http://runahr.com) | Led teams and implemented a variety of polyglot, full stack applications andmicro services. | Express, Node, GraphQL, Ruby on Rails, React, TypeScript,PostgreSQL, MongoDB |
| 09/20 to 12/20 | React Developer, [Walmart](http://www.walmart.com) | Worked on the development of React Applications. A pure UI-only role forperhaps for the first time in my career. | React, TypeScript, Node, Jest, Prometheus, Grafana, Splunk |
| 08/18 to12/18 | Node Developer & Rails Architect, [Snowpal](https://consulting.snowpal.com) | Worked on a couple of short term projects building a variety ofNode/Rails/React applications. | React, Ruby on Rails, PostgreSQL, Node, Heroku |
| 12/17 to 05/18 | Node Architect, [Involta](http://involta.com) | Worked on several aspects of (*mobile & server side*) development startingwith flushing out requirements, defining the architecture (*of several apps*),creating the design, and doing the actual development and deployment,amongst other things. | Node.js, Express, GraphQL, MongoDB, Linux, EC2, OAuth,MySQL, AWS, ETL |
| 06/10 to 11/17 | Ruby Architect, [DC Healthlink](https://dchealthlink.com/) | Worked on the design, architecture & development of Ruby on Rails &Sinatra applications. | Ruby on Rails, Mongoid, Sinatra, MongoDB, Shell Scripting,AWS, Linux, REST, EC2, RSpec |
| 06/15 to 09/16 | Ruby on Rails Architect, [FireEye](https://www.trellix.com/) | Worked on the architecture, design, development & deployment of Ruby onRails applications. | Ruby on Rails, PostgreSQL, REST, Linux, Shell scripts |
| 02/16 to04/16 | Java Architect, [CSRA](http://csra.com) | Worked on analyzing the design, architecture, performance, scalability andmaintainability of a production JEE application with the ultimate aim ofidentifying issues and areas of improvement across the board. | ReactJS, Spring, Hibernate, AOP, SQL, JavaScript, WebServices, Tomcat, Git, IntelliJ |
| 10/14 to01/16 | Java Architect, [Fannie Mae](http://fanniemae.com) | Worked on providing Development & Architectural guidance for JEEapplications. | JEE, Java, Spring, Hibernate, Backbone.js, Oracle, Eclipse,JavaScript, CSS, jQuery, REST, XML, Dynatrace, WebSockets, Jackson,JSON |
| 06/14 to 01/16 | Senior Ruby Developer, [GCI](http://gci.com) | Worked on the design, development and deployment of Ruby & RackApplications. | Ruby, Sinatra, Rack, Rails, REST, MySQL, JavaScript, jQuery,HAML, RubyMine, Neat/Bitters/Bourbon, RabbitMQ, D3.js, CoffeeScript |
| 01/14 to05/14 | Ruby Architect, [Neural ID](https://www.linkedin.com/company/neural-id/) | Worked on the architecture, design, development & deployment of distributedCheck out our SaaS App by signing up on https://snowpal.com. Remember to download the Mobile App from App/Play stores.Ruby Web Applications on the Amazon EC2 Cloud. | Ruby, Sinatra, Node.js, Memcached, Rack, Passenger,Apache, Nginx, MongoDB, Mongoid, WebSockets, S3, REST, Trello/Apiary,AWS/EC2, aws-sdk |
| 11/12 to 12/13 | Senior Ruby Developer, [GCI](http://gci.com) | Worked on the architecture, design, development & deployment of Rubyapplications. | Sinatra, Ruby, Rack, MySQL, JMeter, RubyMine, Node.js,Express, JavaScript, Bitbucket, Mercurial, Git |
| 04/11 to10/12 | Senior Java Developer, [Synapse Group](https://www.synapsegroupinc.com/) | Worked on the design, development, architecture and tuning of a clusteredJSF-based JBoss Portal application, running against an Oracle instance, fora large media client. | JSF, RichFaces, JEE, JBoss Portal, Spring, Hibernate, ApacheWeb Server, JBoss AS, Clustering, Caching, Oracle, Ant, Portlets, ShellScripts, Git, Confluence, Jira, VisualVM, Eclipse MAT |
| 06/10 to 05/11 | Senior Java Architect[Northrop Grumman](https://www.northropgrumman.com/) | Worked on building n-tier, distributed, SOA-based JEE applications. | Struts2, Spring, Hibernate, JEE, Oracle, ActiveMQ, CXF,SiteMesh, Camel, ServiceMix, Liferay Portal, RHEL, Eclipse, Java, Ant, Maven, JUnit, Mockito, JAAS, JBoss, SVN, SOA, Web Services, ESB, Luntbuild |
| 04/10 to06/10 | Java Architect, [Fannie Mae](http://fanniemae.com) | Worked on identifying requirements, proposing alternatives, making technology choices and defining the architecture for a suite of applications. | JBoss AS, Java, Oracle |
| 12/09 to04/10 | Senior Java Developer[Northrop Grumman](https://www.northropgrumman.com/) | Worked on building Java Spring/Tapestry applications. | Spring, Hibernate, Tapestry, Oracle, Tomcat, Web Services(SOAP), Eclipse, SVN, JUnit, EasyMock, Maven, Linux, Mockito |
| 06/07 to11/09 | Senior Software Developer[Grab Networks](https://www.grabnetworks.com/) | Worked on designing, architecting and developing both Ruby on Rails andJEE applications (in addition to leading teams). | Struts, JBoss, Ruby on Rails, Oracle, Tomcat, Ant, Java, JEE,JAAS, CAS (SSO), JDBC, JSP, JSTL, Spring, Hibernate, Linux, JBoss Portal,CAS, ActiveMQ, MySQL, Capistrano, openWFEru |
| 01/07 to06/07 | Senior Java Developer, [Sunrocket](https://en.wikipedia.org/wiki/SunRocket) | Worked on the design and development of Service-Oriented Architecture(SOA) applications. | JEE, Spring, Hibernate, Java, MySQL, Tomcat, Apache,JBoss, jBPM, JMS, EJB (MDB), Linux, XMLBeans, Ant, Ivy |
| 04/01 to11/06 | Principal Member of Technical Staff[Oracle](https://www.oracle.com/) | Worked in the esteemed Server Technologies division for multiple productsand had a wonderful employment experience working with some of the bestminds in the business. | Java, Oracle, JavaScript, XQuery, XPath, XML, JDBC, JOC,PL/SQL, Ant, JSR-168/170, Oracle AS, Oracle Portal, Oracle WebCenterSuite |
| 09/99 to04/01 | Software Developer[Diebold Nixdorf](https://www.dieboldnixdorf.com/en-us/banking/) | This was my very first software development job but had the opportunity towork on multiple products based on 2 completely different technology stacks(C & JEE). | JEE, Java, Oracle, AIX, Pro\*C, HTML, XML, XSLT, Xalan,XSD, JavaScript, JSP, XPath |

**Education**

* Master’s in Hospitality Management, [University of Houston](https://www.uh.edu/), TX
* Master’s in Management Studies, [BITS, Pilani](https://www.bits-pilani.ac.in/), India
* Master’s in Biological Sciences (*Hons*), [BITS, Pilani](https://www.bits-pilani.ac.in/), India