

Calvin Iyer

Principal Software Engineer

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Summary

Adaptable professional with 10+ years of experience and a proven knowledge of application development, server architecture and project lifecycle.

Technical Skills

Languages/Tools/Libraries

- Java
- Android
- Spring
- AWS - EC2, S3, Lambda, CodeDeploy, RDS, SQS

Databases

- MySQL
- PostgreSQL
- MongoDB

Revision Control

- GIT
- SVN

Work experience

Principal Software Engineer

2024 - Present

Atlassian, Bangalore, Karnataka

- Responsible for Architectural decisions across the Commerce team
- Responsible for architectural design and delivery for high impact projects

Senior Software Engineer

2019 - 2024

Atlassian, Bangalore, Karnataka

- Individual Contributor for the Commerce Team
- Feature lead a number of high impact projects
- Responsible for creating the quarterly TechOps reports along with suggesting and implementing fixes to problems impacting major SLOs
- Responsible for leading migration teams along with setting up roadmaps for execution and delivery.
- Help prioritise issues and bugfixes for the KTLO and BAU squads

Development Lead

2015 - 2019

Talentica Software Private Limited, Pune, Maharashtra

- Lead a team of 7 developers to create a microservice architecture based solution for a Fintech startup.
- Ported a Swing application to JavaFX for NGO operations in Africa.
- Created a file sync service using Tus.io for low bandwidth and unstable networks.
- Created an integrated solution using Poynt POS terminals and Java backend for payment. Also setup a CI pipeline using CircleCI and TestFairy for android deployment.
- Created a pluggable solution for real-time dashboards using Angular JS.
- Created a scalable solution using Apache Storm and Kafka for advertising analytics and data processing.
- Helped create a fuzzy matching algorithm to filter duplicate records for medical personnel.

Senior Engineer

2012 - 2015

Alcatel-Lucent, Chennai, Tamil Nadu

- Worked on backend Java development based on a master-slave architecture used to upgrade/migrate Network Elements for large vendors like AT&T and Verizon.
- Also worked on frontend development using Eclipse RCP and SWT for the flagship product.

Education

Bachelor of Technology (B.Tech), Information Technology

2008 - 2012

Vellore Institute of Technology (VIT), Vellore

- Created a Mass Mailing Software for use by individuals and/or companies using PHP and MySQL as backend database.
- Created an AES encryption tool using Java which leveraged multithreading to reduce the total encryption time for large files.
- Created an Android application to sort phone contacts into user defined groups and help the user send SMS to these groups.
- Created a Geolocation Android Application which helps the user create situations with user defined conditions to apply phone settings when these situations are triggered.
- Created an SEO automation software for Realize Internet Marketing. It automates the task of performing SEO on new websites by using the XMLRPC standard and with the use of Meta submit sites.