

Yuvaraj Ravichandran

SOFTWARE ENGINEER

Chennai, Tamilnadu, India

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Summary

Current Senior Software Engineer at Barclays. Overall 10+ years' of industry experience in building backend systems, real-time streaming applications. I have a great experience of building a product from scratch. Passionate about solving business problems with Pragmatic solutions, learning new technologies and tools.

Technical Skills

Programming Languages

Java, JavaScript, Python

Tools

MS SQL Server, Spring Boot, Apache Storm, Apache Kafka, Apache Cassandra, Elasticsearch Stack(ELK), Rocksdb, Bitbucket, TeamCity, IBM UrbanCode Deploy

Operating Systems

Linux, Windows

Work Experience

Barclays Global Service Centre Pvt. Ltd.

Chennai, Tamilnadu, India

AVP

Feb. 2020 - Present

- Architected & Implemented in-memory reconciliation system from scratch to process high volume intersystem reconciliations
- Developed in-memory matching engine to match records with high performance comparing legacy systems
- Designed the integration of legacy reconciliation system to report the breaks for management
- Helped the teams to identify and mitigate age old tech debt items
- Helped the teams to upgrade Java from older versions and fix issues related to it
- Redesigned the applications and helped the team to mitigate flash EOL within a short span which had huge business impact

Citicorp Services India Pvt. Ltd.

Chennai, Tamilnadu, India

APPLICATION DEVELOPER INTERMEDIATE PROGRAMMER ANALYST

Oct. 2016 - Feb. 2020

- Developed real-time reconciliation data pipeline using Lambda architecture to crunch billions of records
- Redesigned matching layer to achieve 12k messages/sec with sub milli second latency
- Migrated the transformation layer from batch to streaming platform (Storm/Kafka) to provide 6X higher performance
- Built & deployed the real-time break management system using Elastic stack to reduce report timing from minutes to seconds
- Designed & Implemented the initial version of CI/CD pipeline using TeamCity and UrbanCode Deploy

Infrasoft Technologies Ltd. (Client - BNP Paribas Securities Ltd.)

Chennai, Tamilnadu, India

SENIOR ASSOCIATE CONSULTANT

Sep. 2015 - Oct. 2016

- Implemented multiple new features to collect and process SWIFT messages from multiple sources every day
- Helped the team to identify and fix critical bugs in Corporate action straight through processes

BNY Mellon Technology Pvt. Ltd. (Inautix)

Chennai, Tamilnadu, India

SENIOR APPLICATION DEVELOPER

Aug. 2011 - Sep. 2015

- Developed template configuration management system to ease the initial account setup process
- Lead the integration of Advisor model management system with New account opening system using RESTful webservices
- Fixed some of the performance bottlenecks with the help of Dynatrace reports

Education

Sona College of Technology

Salem, Tamilnadu, India

B.E IN ELECTRICAL & ELECTRONICS ENGINEERING

2007 - 2011