

Yuvaraj Ravichandran

SOFTWARE ENGINEER

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Summary

Current Lead Software Engineer at Barclays. Overall 10+ years of experience in building backend systems (mostly using Java), real-time streaming applications. Passionate about solving business problems with Pragmatic solutions, learning new technologies and tools.

Work Experience

Barclays Global Service Centre Pvt. Ltd.

Chennai, Tamilnadu, India

AVP(LEAD SOFTWARE ENGINEER)

Feb. 2020 - Present

- Provisioned an easily manageable hybrid infrastructure (Amazon AWS + On-premise) utilizing IaC (Infrastructure as Code) tools like Ansible, Packer and Terraform.
- Built fully automated CI/CD pipelines on CircleCI for containerized applications using Docker, AWS ECR and Rancher.
- Designed an overall service architecture and pipelines of the Machine Learning based Fashion Tagging API SaaS product with the micro-services architecture.
- Implemented several API microservices in Node.js Koa and in the serverless AWS Lambda functions.
- Deployed a centralized logging environment (ELK, Filebeat, CloudWatch, S3) which gather log data from docker containers and AWS resources.
- Deployed a centralized monitoring environment (Grafana, InfluxDB, CollectD) which gather system metrics as well as docker run-time metrics.

Citicorp Services India Pvt. Ltd.

Chennai, Tamilnadu, India

APPLICATION DEVELOPER INTERMEDIATE PROGRAMMER ANALYST (SENIOR SOFTWARE ENGINEER)

Oct. 2016 - Feb. 2020

- Implemented RESTful API server for car rental booking application (CARPLAT in Google Play).
- Built and deployed overall service infrastructure utilizing Docker container, CircleCI, and several AWS stack (Including EC2, ECS, Route 53, S3, CloudFront, RDS, ElastiCache, IAM), focusing on high-availability, fault tolerance, and auto-scaling.
- Developed an easy-to-use Payment module which connects to major PG (Payment Gateway) companies in Korea.

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

Chennai, Tamilnadu, India

SENIOR ASSOCIATE CONSULTANT

Sep. 2015 - Oct. 2016

- Lead engineer on agent-less backtracking system that can discover client device's fingerprint (including public and private IP) independently of the Proxy, VPN and NAT.
- Implemented a distributed web stress test tool with high anonymity.
- Implemented a military cooperation system which is web based real time messenger in Scala on Lift.

BNY Mellon Technology Pvt. Ltd. (Inautix)

Chennai, Tamilnadu, India & LA,
U.S.A

SENIOR APPLICATION DEVELOPER

Aug. 2011 - Sep. 2015

- Developed in Cocos2d-x an action puzzle game (Dragon Buster) targeting U.S. market.
- Implemented API server which is communicating with game client and In-App Store, along with two other team members who wrote the game logic and designed game graphics.
- Won the 2nd prize in final evaluation.

Education

Sona College of Technology

Salem, Tamilnadu, India

B.E IN ELECTRICAL & ELECTRONICS ENGINEERING

2007 - 2011