

HARIKRISHNA MEKALA

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EXPERIENCE

PayPal - Software Engineer 2

JUNE 2023 - PRESENT

HYBRID, CHENNAI

- Spearheaded the migration of a legacy C++ codebase to a modern Java SpringBoot framework.
- Leading the reengineering of (PayPal Payments) Settlement Infrastructure from on-premises to AWS Cloud, leveraging DynamoDB and EKS for enhanced scalability and performance.
- Serving as the Scrum Master, facilitating agile practices and ensuring efficient team collaboration and project delivery.

smallcase - Software Development Engineer 1

APRIL 2023 - MAY 2024

REMOTE, BANGALORE

- Developed backend services to rank equity mutual funds using market cap and fund allocation.
- Integrated 24 new indices into Tickertape for improved sector tracking.
- Implemented algorithms for PE ratio and portfolio volatility calculations.
- Created a highly available stock Scorecard API, currently used by 4.5 million users.
- Transitioned Tickertape's API to a new pod-level segregation service with NestJS.

Aardwolf Security Ltd - Software Engineer

NOVEMBER 2019 - MARCH 2022

REMOTE, LONDON

- Built a highly available, fault-tolerant content ranking system with a REST API.
- Developed a Parsing Engine for scraping and ranking blog RSS feeds.
- Set up CI/CD pipeline with SonarQube for automated code reviews and deployments.
- Created an affiliate system for user referrals with PayPal Payout Integration.
- Implemented automated firewall-based throttling to mitigate DDOS attacks.
- Developed a queuing mechanism for large-scale content analysis using the manager-worker model.
- Delivered images through Edge Nodes using KeyCDN and Digital Ocean Spaces.
- Experienced in Scrum Agile methodologies and Agile development.

Kloudgin - Software Engineer

JULY 2019 - NOVEMBER 2019

OFFICE, HYDERABAD

- Designed and implemented a modular Netsuite integration package for Kloudgin FSM.
- Developed a distributed system for large-scale data migration using a Multi-Threaded Library.

Infovity - Technical Consultant

MAY 2018 - JULY 2019

OFFICE, HYDERABAD

- Added video streaming support for the crew training module in Kloudgin.
- Developed a Java iText Library wrapper for custom invoice generation in Kloudgin.
- Created an automated Jar deployment plugin for faster business logic deployments.
- Designed and developed a microservices-based internal application using Docker for tracking employee billables and biometric data at Infovity.

EDUCATION

Vishnu Institute of Technology | COMPUTER SCIENCE AND ENGINEERING

2018

- Cumulative %: 72 *Distinction*
- 1st place in VEDIC Coding Competition.
- Developed a container-based code compilation engine for enhanced security in remote code execution.
- Wrote the ranking system for the college coding competition.
- Assisted in creating an automatic lab record generation plugin for Moodle.

SKILLS & INTERESTS

Technology Java, Python, Node.JS, TypeScript, Golang, Shell Scripting

Database SQL, Mongo, DynamoDB, Redis and Kafka

Tools Docker, Postman, Jira, Confluence, AWS, DevOps, Git, Jenkins

Interests Loves to do CPU builds/workstations and occasional contributions to open-source projects.