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.
- Scrum Master, leading the team through agile practices and ensuring successful project delivery.

smallcase - Software Development Engineer 1   APRIL 2022 - MAY 2023   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 - 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.

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.
- Designed and developed a Docker-based microservices application for tracking employee billables and biometrics at Infovity.

EDUCATION

Vishnu Institute of Technology | COMPUTER SCIENCE AND ENGINEERING   2018
- Cumulative %: 72 *Distinction*
- 1st place in VEDIC Coding Competition.
- Developed a containerized code compiler for secure remote execution.
- Built 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.