

SHASHIKANTH REDDY KOLAN

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SUMMARY

Software Engineer with over 2 years of experience specializing in full-stack development. Skilled in creating robust, scalable applications and user-friendly interfaces. Proficient in managing both backend and frontend development, with a strong ability to solve complex problems and deliver high-quality, efficient solutions.

TECHNICAL SKILLS

Languages: Java, JavaScript, Python, C/C++, HTML/CSS

Frameworks: Spring Boot, Django, Node.js, React, Next.js

Databases: PostgreSQL, MySQL, MongoDB, Redis

Tools: Git, Apache Kafka, ELK Stack, JUnit

Cloud Technologies: Docker, Kubernetes, Amazon EC2, Amazon S3, AWS Lambda

EXPERIENCE

Programmer

March 2024 – July 2024

Wisdom Square Technologies

Nagpur, India

- Enhanced the internal logging framework by incorporating features to mask sensitive data, thereby strengthening data security and ensuring compliance with privacy regulations.
- Automated the sending of physical mail using a third-party service, reducing manual effort and ensuring timely delivery of correspondence. This integration enhanced reliability and operational efficiency.
- Developed an automated reminder system to alert agents about scheduled account interactions. This system improved customer engagement by ensuring agents were promptly reminded of important tasks.
- Built a utility for Excel file operations, which supports creating, reading, and converting files to CSV and PDF formats. This tool streamlined data handling and reporting, making it easier to manage and analyze information.

Software Engineer

August 2022 – February 2024

Alippo

Bangalore, India

- Integrated Alippo Money into the checkout process for both Android and iOS platforms, implementing in-app purchase gateways and robust server-side validations which enhanced the checkout experience and reduced customer drop-offs.
- Redesigned the analytics service to integrate with multiple analytics platforms, enhancing the ability to gather diverse and comprehensive data. This upgrade provided the business with deeper insights by leveraging various analytics providers.
- After a crucial API, vital to our business operations, faced a DDoS attack, I implemented HMAC (Hash-based Message Authentication Code) to enhance its security.
- Implemented database indexes to enhance query performance, optimizing API response times. This adjustment significantly increased data retrieval efficiency and provided a more responsive user experience.

Software Engineer Intern

April 2022 – July 2022

Alippo

Bangalore, India

- Developed a user-friendly activation screen and dashboard for Alippo Money, an in-app balance and rewards system, leading to a smoother checkout experience and reduced customer drop-offs.
- Enhanced the JHipster dashboard with advanced search, filtering, course cloning, and manual order management tools. These updates streamlined workflows, improving the operations team's efficiency and task management.
- Applied TypeScript to improve code quality, enabling early error detection and maintaining a scalable codebase. This approach facilitated better development practices and enhanced overall code reliability.

PROJECTS

Tiptop | *Next.js, React, Firebase*

- Developed an e-commerce application using Next.js, featuring secure user authentication and real-time updates.
- Added wishlist and shopping cart features with sorting and filtering options.

Rhino | *React, styled-components, Firebase*

- Built an expense tracking application with Google Sign-In authentication and PWA support.
- Added transaction management, theme toggling, and offline detection features.

EDUCATION

Kennesaw State University

Master's degree, Computer Science

Marietta, United States

August 2024 – Present

Anurag Group Of Institutions

Bachelor's degree, Information Technology

Hyderabad, India

July 2018 – May 2022