Sai Krishna Uppuluri

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PROFESSIONAL SUMMARY

Versatile Fullstack React + Java Developer with over 5 years of experience in delivering scalable, secure, and high-performance applications. Adept in crafting dynamic user interfaces using React, JavaScript, TypeScript, and Redux, combined with powerful backend services in Java, Spring Boot, and RESTful APIs. Proven track record in implementing CI/CD pipelines using Jenkins and GitHub Actions, and deploying applications on AWS ECS, Lambda, RDS, and other cloud infrastructure. Skilled in MongoDB, PostgreSQL, and Prisma for efficient data access and modeling. Extensive hands-on experience in agile environments, collaborating cross-functionally with teams to meet tight deadlines and optimize product delivery. Experienced in modern fullstack workflows and testing frameworks including GraphQL, JIRA, and React Testing Library. Passionate about building maintainable and robust systems by embracing best coding practices and containerization with Docker. Eager to contribute to full lifecycle development and deliver software that drives business impact.

EDUCATION

Webster University, Saint Louis, USA
Master's in Information Technology and Management

SKILLS & TECHNOLOGIES

Languages: JavaScript, TypeScript, Java, HTML5, CSS3, SQL

Frontend: React.js, Redux, Next.js, Context API, Server-Side Rendering, ES6+, HTML/CSS

Backend: Java, Spring Boot, REST APIs, GraphQL, Microservices

Database: PostgreSQL, MongoDB, Prisma

DevOps & Tools: Git, GitHub, Docker, Jenkins, GitHub Actions, NPM, Yarn

Cloud Platforms: AWS ECS, Lambda, RDS, S3, EC2

Testing: React Testing Library, Enzyme, Jest, Mocha

Project Management: Agile, Scrum, JIRA

WORK EXPERIENCE

Associate Engineer Intern
Quinstreet   *Jan 2025 - present*

- Led end-to-end feature development of fintech Responsive web applications using React.js, TypeScript, Java, Spring Boot, and RESTful APIs involving in Full Stack development of the JavaScript application.
- Created reusable Responsive front-end modules with TypeScript, Redux, and server-side rendering via Next.js, enhancing SEO performance
- Designed and deployed microservices-based backend with Spring Boot and PostgreSQL, serving over 50,000 concurrent users.
- Built CI/CD pipelines using Jenkins and GitHub Actions, reducing production deployment time by 40%.
- Utilized AWS ECS, RDS, and Lambda to deliver a scalable and fault-tolerant infrastructure.
- Optimized By moving build scripts from plain npm to Yarn workspaces, reducing the end-to-end CI/CD build time from twelve minutes to seven, and enabling parallel React.js dynamic UI deployments, the monorepo was optimized.
- Integrated GraphQL endpoints for faster and optimized front-end data queries.
- Ensured no backlogs of sprint tickets by showcasing strong cross-functional code collaboration, attention to detail, problem-solving and Troubleshooting skills
- Applied Prisma ORM for database interaction, improving performance and reducing query errors.
- Maintained Agile documentation, task tracking, and sprint planning via JIRA.

Associate Engineer
Snapdeal   *April 2021 – July 2023*

- Built end-to-end JavaScript full stack Responsive web applications leveraging React, Spring Boot, SpringMVC architecture, and RESTful APIs with microservices architecture.

- Created reusable UI components and dynamic forms using React.js, Redux, TypeScript, and server-side rendering.

- Managed PostgreSQL and MongoDB databases with Prisma to streamline backend query performance and schema updates.

- Deployed full stack features via Docker containers in AWS ECS, connected to Lambda functions for real-time business logic.

- Created Jenkins pipelines for development-to-production workflows, improving delivery speed by 40%.

- Used GraphQL to simplify frontend-to-backend communication and optimize bandwidth usage.

- Ensured no backlogs of sprint tickets by showcasing strong cross-functional code collaboration, attention to detail, problem-solving and Troubleshooting skills

- Implemented agile ceremonies with JIRA including backlog grooming, sprint planning, and daily standups.

- Mentored two junior developers on React and Spring Boot modules, ensuring code quality and knowledge transfer.

Associate Engineer Intern
Lenskart   *Dec 2019 – May 2021*

- Built and maintained Responsive, reusable React components and Java Spring-based backend endpoints.

- Participated in requirement analysis, user story grooming, and sprint backlog planning.

- Used Redux and Context API to manage application state across multiple modules.

- Created RESTful APIs for CRUD operations and integrated them into JavaScript React front-end.

- Conducted manual and automated testing using Jest and Mocha.

- Implemented Prisma ORM for improved backend data integrity and reduced downtime.

- Ensured no backlogs of sprint tickets by showcasing strong cross-functional code collaboration, attention to detail, problem-solving and Troubleshooting skills

- Managed continuous deployment (CI/CD) pipelines using Jenkins and GitHub Actions.

- Involved in deployment to AWS (S3, ECS, Lambda), ensuring high availability and uptime.

CERTIFICATIONS

Certified Full Stack Developer at NxtWave Academy
Fullstack Java & React Bootcamp – Udemy (2022)

PROJECTS

1. E-commerce Admin Portal
Designed and developed an admin interface using React, Spring Boot, and GraphQL. - Enabled order management, inventory tracking, and customer insights for business teams. - Deployed using Docker on AWS ECS with CI/CD pipeline integrated into GitHub Actions.

2. Developer Tools Dashboard
Created an internal tools dashboard for engineering analytics using React, Java, and RESTful APIs. - Implemented Prisma with PostgreSQL for schema evolution and real-time metrics. - Used Jenkins and Enzyme for CI and testing pipeline.