

# Sai Krishna Uppuluri

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## PROFESSIONAL SUMMARY

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Dynamic Fullstack React + Java Developer with over 5 years of professional experience in designing and delivering robust, scalable web applications using React, Java, Spring Boot, Redux, TypeScript, and RESTful APIs. Adept in implementing microservices-based backend architectures and developing intuitive front-end user interfaces. Proven expertise in deploying and managing distributed systems using AWS ECS, Lambda, RDS, and PostgreSQL, with strong ORM capabilities via Prisma and integration with MongoDB. Known for driving performance optimization, implementing real-time data access with GraphQL, and reducing deployment cycles with CI/CD pipelines using Jenkins and GitHub Actions. Strong advocate for Agile practices, project tracking with JIRA, and test-driven development with tools like Jest, Mocha, and React Testing Library. Successfully led full lifecycle development for multiple enterprise systems and contributed to enhanced performance, reliability, and user experience. Ready to bring a collaborative, innovative mindset and deep technical expertise to a product-focused engineering team.

## EDUCATION

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

## SKILLS & TECHNOLOGIES

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

**Frontend:** React.js, Redux, Next.js, Context API, Server-Side Rendering, Responsive Design

**Backend:** Java, Spring Boot, RESTful APIs, GraphQL, Microservices

**Database:** PostgreSQL, MongoDB, Prisma

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

**DevOps & CI/CD:** Jenkins, GitHub Actions, Docker, Git

**Project Management:** JIRA, Agile, Scrum

**Testing:** Jest, Mocha, React Testing Library, Enzyme

## WORK EXPERIENCE

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### Senior Engineer

*Bajaj Finance*

*Aug 2021 – Jun 2023*

- Developed full stack fintech Responsive, reusable application using React, Redux, Java, Spring Boot, RESTful APIs, TypeScript, and GraphQL.
- Designed backend services using Spring Boot with SpringMVC architecture and PostgreSQL, integrated Prisma ORM to manage schema consistency.
- Implemented scalable AWS infrastructure including ECS for container management, RDS for database hosting, and Lambda for microservices.
- Automated CI/CD pipeline with Jenkins and GitHub Actions, reducing release cycle by 35% across production environments.
- Built dynamic frontend dashboards and portals with React, Redux, and Next.js, increasing user engagement and decreasing bounce rate by 20%.
- Used GraphQL APIs to optimize data retrieval, improving page load performance and reducing API call overhead. Conducted unit and integration testing with Jest and Mocha, achieving 90% test coverage.
- Ensured no backlogs of sprint tickets by showcasing strong cross-functional code collaboration, attention to detail, problem-solving and Troubleshooting skills
- Worked closely with stakeholders and project managers using JIRA to ensure sprint goals and client deliverables were met.

### Associate Engineer

*Snapdeal*

*Aug 2019 – Jul 2021*

- 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

Snapdeal

Aug 2018 – Jul 2019

- Developed Responsive modules for customer onboarding and admin portals using React and Java Spring Boot with RESTful APIs.
- Participated in JavaScript full stack frontend feature design from user story breakdown to Responsive component-based implementation in React.js.
- Designed backend APIs in Spring Boot along with SpringMVC architecture with PostgreSQL; adopted Prisma for managing schema migrations.
- Built reusable forms and UI templates using Redux, Context API, and responsive HTML5/CSS3.
- Managed build pipelines with Jenkins and GitHub Actions; implemented rollback and error logging mechanisms.
- Contributed to the deployment setup using AWS Lambda, RDS, and ECS to ensure high availability.
- Ensured no backlogs of sprint tickets by showcasing strong cross-functional code collaboration, attention to detail, problem-solving and Troubleshooting skills
- Used JIRA for project tracking, velocity measurement, and bug triage throughout sprints.
- Wrote unit and snapshot tests using Jest, React Testing Library, and Mocha, resulting in 30% fewer post-release bugs.

## CERTIFICATIONS

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AWS Certified Developer – Associate (2023)

Java Fullstack Developer Certification – Coursera (2022)

Prisma & GraphQL API Development – Pluralsight (2021)

## PROJECTSF

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### Distributed Financial Reporting System

Designed and built a JavaScript Full Stack React + Java Spring Boot platform integrated with AWS ECS, RDS, and Prisma ORM. Delivered monthly reporting and auditing dashboards to over 15 business units across departments. Implemented data sync with GraphQL APIs and automated builds via Jenkins; cut reporting delays by 60%.

### 2. Internal DevOps Management Console

Developed an internal UI for monitoring Jenkins builds, Lambda functions, and ECS cluster health. Used TypeScript, React, and Redux on frontend; backend powered by Spring Boot and MongoDB. Created GraphQL endpoints to retrieve CI/CD job history and real-time service health data.