

Harsha Ganugula

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Summary

Software Developer with 3+ years of experience building scalable full-stack applications, with a strong focus on modern, responsive front-end development using React and JavaScript (ES6+). Experienced in designing intuitive user interfaces, role-based dashboards, and real-time features while supporting them with robust backend systems built on Java (Spring Boot) and Python. Skilled in RESTful APIs, event-driven microservices, and cloud-native deployment on AWS and Azure. Passionate about creating seamless user experiences backed by reliable, high-performance architecture.

Technical Skills

- Frontend:** React.js, TypeScript, JavaScript (ES6+), Redux Toolkit, React Hooks, React Router, HTML5, CSS3
- Backend:** Node.js, Express.js, REST APIs, JWT Authentication, Java (Spring Boot), Python (Django)
- Data bases:** MongoDB, Mongoose, MySQL, PostgreSQL
- Testing:** Jest, React Testing Library, JUnit, Mockito
- Cloud & DevOps:** AWS (CloudWatch, Elastic Beanstalk), Azure, CI/CD (Jenkins, GitHub Actions)
- Tools:** Git, GitHub, Postman, Vercel, Netlify, VS Code
- Concepts:** State Management, API Design, Async Programming, Performance Optimization

Professional Experience

Software Engineer, Peru Technologies

01/2024–Present | Remote, USA

- Built scalable dashboards using React, TypeScript, JavaScript, improving workflows and user experience across applications.
- Developed reusable UI components with React Hooks and Redux Toolkit, ensuring maintainable and scalable frontend architecture.
- Integrated frontend with RESTful APIs using Node.js and Express, enabling efficient data flow and real-time updates.
- Designed and implemented RESTful APIs with JWT authentication, supporting secure services and role-based access control.
- Worked with MongoDB, Mongoose, and SQL databases, managing structured and unstructured application data efficiently.
- Optimized performance using asynchronous programming and API tuning, improving responsiveness and user interaction speed.
- Built scalable backend workflows using microservices and event-driven architecture for reliable system design.
- Implemented testing using Jest, React Testing Library, and JUnit, ensuring reliability and high code coverage.
- Deployed and monitored applications using AWS and Azure, improving observability and production reliability.
- Used Git, Postman, and CI/CD tools for version control, API testing, and automated deployments.
- Collaborated with cross-functional teams in Agile environments to deliver scalable and production-ready features.

Education

Master of Science in Information System and Technologies
University of North Texas

08/2022–05/2024
Denton, TX, USA

Projects

SaaS Analytics Dashboard – Production-Style Admin Panel

React.js, REST API Integration, Data Visualization, Client-Side Pagination, CSS Variables | [GitHub](#) | [Live Demo](#)

- Built a scalable analytics dashboard with reusable components and real-time API integration for dynamic data rendering.
- Implemented search and pagination to efficiently handle large datasets and improve overall user experience.
- Optimized rendering and state updates to enhance performance and ensure smooth, responsive UI interactions.

SubTrack – SaaS Subscription Management Platform

React.js, Context API, React Router, Local Storage, SaaS Billing Logic | [GitHub](#) | [Live Demo](#)

- Built a subscription management app to track plans and calculate monthly recurring revenue with real-world billing logic.
- Implemented global state management and protected routing for authentication and secure access control.
- Designed responsive dashboards with local storage persistence to simulate real-world application behavior.