

Professional Experience

Full Stack Developer with 2.8 years' experience building scalable web applications. Skilled in backend (Java, Spring Boot) and frontend (React, JavaScript), API design, database optimization, and deployment of secure, high-performing services. Adept in Agile environments, collaborating with cross-functional teams, troubleshooting complex issues, and integrating third-party APIs. Passionate about building reliable, maintainable, and scalable backend systems.

Technical Skills

- **Programming Languages:** Java, JavaScript (ES6+), TypeScript, HTML5, CSS3, SQL
- **Frameworks & Libraries:** Spring Boot, React, Redux, Express.js, Node.js, MongoDB, Material-UI (MUI), Tailwind CSS
- **Architecture & Concepts:** Microservices, Micro-frontend, REST APIs, API Security, LLM Integration.
- **Tools & Platforms:** Kafka, Git, Postman, Docker, Jenkins, AWS (ECS, EC2, S3, RDS, CloudWatch), Figma.

Experience

Keka HR | Associate Software Engineer – Hyderabad, India

Aug '23 - Present

- Built and deployed a 0-to-1 US payroll product with backend services in Java/Spring Boot (OOP principles) and frontend in React/TypeScript; implemented microservices & micro-frontend architectures for modular deployments.
- Designed database schemas, wrote optimized SQL queries, and developed secure REST APIs with authentication, validations, and frontend integration.
- Integrated Kafka for async communication and created Node.js utility modules for routing, configuration, and automation tasks.
- Improved system performance by reducing load times 35% through lazy loading and backend query optimizations.
- Implemented unit/integration testing (JUnit, Jest, Mocha) with mocking and assertions; conducted peer code reviews to ensure scalability, performance, and coding standards.
- Collaborated in Agile teams, reviewed Figma designs, and worked closely with PMs & QA; leveraged AI-powered development tools for faster coding and debugging.
- Deployed backend services on AWS ECS/EC2 using Docker, configured S3 for static assets and CloudWatch for log monitoring.
- Developed and integrated an LLM-powered chatbot to assist employees with payroll-related queries (payslips, tax filings), enhancing self-service support.

Keka HR | Intern - Hyderabad, India

Jan '23 – Jul '23

- Assisted in developing React-based frontend modules for internal tools and dashboards.
- Helped design and implement responsive layouts using TypeScript, HTML, and CSS for mobile-friendly pages.
- Worked on API integration tasks by connecting frontend components to backend services and handling basic validations.
- Supported backend development with small updates in Java and Spring Boot services (e.g., modifying API endpoints).
- Participated in UI/UX brainstorming sessions, contributed ideas during feature discussions, and maintained design consistency.
- Assisted in debugging and testing both frontend and backend features, documented findings, and applied minor fixes.

Projects

Audio Book Web App

2023

- Independently designed and developed a full-stack audiobook web application using the MERN stack.
- Built responsive React UI, Node/Express backend APIs, and MongoDB database; implemented audio streaming (play/pause/next/prev) and real-time playback updates.
- Deployed the app on AWS (EC2 for backend, S3 for audio files); configured CloudWatch for performance logs and automated builds with simple CI/CD scripts.

Authentication by Negative Encrypted Password

2023

- Worked as part of a team to build a secure authentication system using ENP, combining SHA-256 hashing and AES encryption.
- Contributed to backend logic in Java and secure credential storage design, ensuring scalability and minimal integration overhead.
- Documented the authentication workflow and presented security analysis demonstrating resistance against brute-force and precomputation attacks.

Tourism Website for Local Places (ADVENTOUR)

2022

- Collaborated with a team to develop a responsive tourism platform showcasing hidden destinations.
- Implemented database connections and integrated a chatbot for user assistance; supported features like bookings and transport suggestions.
- Optimized SQL queries and implemented modular architecture to improve performance and maintainability of backend services.

Education

Information Technology | MLR Institute of Technology (Aug '19 – May '23)

GPA: 8.7 / 10

Certificates

- Certified in AWS Certified Solutions Architect – Associate
- Certification for completion of Python for everyone by University of Michigan – Coursera
- Certification for completion of C for everyone by University of California – Coursera
- Certification for completion of Introduction to Python by Coding Ninjas

