Saahil Lia

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SUMMARY

B.Tech graduate in Computer Science & Engineering with hands-on experience building full-stack web applications and AI-powered solutions through internship and personal projects. Familiar with Java, React, Python, Node.js, RESTful APIs, Docker, CI/CD, and Large Language Models (LLMs), with a strong interest in backend engineering and scalable software development.

SKILLS

Languages: Java, Python, JavaScript, Typescript, HTML, CSS.

Backend: Node.js, Express.js, REST APIs, Socket.io, JWT Authentication

Frontend Development: Next.js, React.js, Tailwind CSS.

Databases: MySQL, MongoDB

Tools & Devops: Git, GitHub, Bitbucket, Docker, Postman, Jira.

Methodologies: DSA, OOP's Concepts, SDLC, Agile, CI/CD, Authentication & Authorization, Debugging

AI & LLM: Large Language Models (LLMs), Generative AI, Prompt Engineering, AI API Integration, Google Gemini API, Groq API, Antropic API

PROFESSIONAL EXPERIENCE

MeterGauge.ai , *Full Stack Developer Intern* 01/2026 – 03/2026 | Bengaluru, India

- Built and integrated full-stack application features across frontend and backend systems using Git-based workflows, peer code reviews, and Agile development practices.
- Designed and implemented RESTful APIs, authentication workflows, and backend business logic to support secure, reliable, and maintainable application functionality.
- Collaborated with cross-functional teams using Jira, Bitbucket, and CI/CD pipelines, contributing to sprint planning, feature delivery, testing, and production deployments.

PROJECTS

AuraFlex – AI-Powered Fitness Web Application | Next.js • React • TypeScript • Convex • Clerk • Groq LLM • Docker

- Built a full-stack AI-powered fitness platform using Next.js, React, TypeScript, and Convex, integrating Large Language Models (LLMs) to deliver personalized workout plans, nutrition recommendations, AI recipe generation, and voice-assisted coaching.
- Implemented 6 authenticated REST APIs, 17 responsive application pages, and 22+ reusable React components, integrating Clerk Authentication, RBAC, real-time synchronization, and structured prompt engineering.
- Integrated Docker, GitHub Actions CI/CD, caching, rate limiting, input validation, and prompt sanitization to improve deployment consistency, application security, and maintainability.

ECHOHUB – Real-Time Chat Application | React • Node.js • Express.js • MongoDB • Socket.io • JWT • Cloudinary

- Built a full-stack real-time messaging application using the MERN stack and Socket.io, supporting secure authentication, one-to-one messaging, media sharing, and responsive cross-device communication.
- Implemented RESTful APIs, JWT authentication, MongoDB data models, Cloudinary media storage, and WebSocket communication to enable secure, real-time message delivery.
- Strengthened application quality through protected routes, centralized error handling, input validation, responsive UI, and secure session management following modern full-stack engineering practices.

University Management System | Java, MySQL, Java Swing, OOP

- Built a desktop-based University Management System using Java, Java Swing, JDBC, and MySQL to manage students, faculty, courses, and administrative records through a centralized application.
- Implemented modular CRUD operations, JDBC database connectivity, role-based access, and input validation to ensure secure and reliable data management.
- Optimized SQL queries, exception handling, and object-oriented code structure to improve application maintainability and performance.

CERTIFICATES

IBM Front-End Developer Professional Certificate | NoSQL, Big Data, and Spark Foundations Specialization | Oracle_Agentic_AI_Foundation_eCertificate

EDUCATION

B.Tech (CSE), *M S Ramaiah University Of Applied Sciences* 2022 – 2026 | Karnataka, India