Sai Teja Mukkera

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EDUCATION

University of Central Missouri   Warrensburg, MO, USA
*Master of Science in Computer Science **(GPA: 4.0)***   *Jan 2023 – Dec 2025*

Guru Nanak Institute of Technology   Hyderabad, India
Bachelor of Technology in Electronics and Communication Engineering   *Jul 2015 – Jul 2019*

EXPERIENCE

Software Engineer   Jan 2022 – Nov 2023
Cognizant Technology Solutions   *Hyderabad, India*

- Developed and maintained backend services using Spring Boot, designing RESTful APIs following controller, service, and repository architecture
- Implemented request validation, global exception handling, and structured logging for production ready Java applications
- Built data access layers using Spring Data JPA and PostgreSQL, implementing CRUD operations, pagination, and query optimization
- Collaborated with frontend teams to integrate APIs and ensure consistent request and response contracts
- Worked in an Agile environment, participating in sprint planning, code reviews, and production issue resolution

Associate Software Engineer   Jan 2021 – Dec 2021
Cognizant Technology Solutions   *Hyderabad, India*

- Contributed to a full stack web application using React, Node.js, Express.js, and MongoDB for internal business workflows
- Designed and implemented RESTful APIs with Node.js and Express.js, enabling seamless integration with React frontend components.
- Implemented authentication and role based access control for application features
- Used Git for version control and followed enterprise code review and deployment workflows

PROJECTS

JobRadar | *React, Node.js, Express.js, MongoDB, Redux Toolkit, Tailwind CSS, JWT*
Live Demo | GitHub   2025 – Present

- Designed and developed a full stack job portal using React, Node.js, Express.js, and MongoDB with separate frontend and backend REST API services
- Built RESTful APIs for users, jobs, companies, and applications with JWT based authentication and role based authorization mechanisms
- Implemented centralized error handling and request logging middleware in an Express based backend
- Developed responsive, role specific dashboards using React, Redux Toolkit, Tailwind CSS, and shadcn/ui
- Integrated Cloudinary and Multer for secure resume uploads and user profile management
- Deployed the frontend on Vercel and backend on Railway with MongoDB Atlas and environment based configuration

TECHNICAL SKILLS

Programming Languages: TypeScript, JavaScript, Java, SQL
Frontend: React.js, Next.js, HTML, CSS, Tailwind CSS
Backend: Spring Boot, Node.js, Express.js, Fastify
Backend Concepts: RESTful APIs, MVC Architecture, Input Validation, Error Handling, Logging
Databases: PostgreSQL, MongoDB
DevOps & Cloud: Docker, AWS, GitHub Actions, CI/CD
Tools & Libraries: Git, Maven, JWT, OAuth 2.0, shadcn/ui, Redux Toolkit, bcrypt
Testing: Jest, Supertest, JUnit 5, Mockito, Spring Boot Test, Selenium WebDriver