

SAI MANIKANTA VARIKUTI

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🌐 [Portfolio](#)

📍 Chandanagar, Hyderabad, India

PROFESSIONAL SUMMARY

Results-driven MERN Stack Developer with a proven track record of designing, optimizing, and deploying full-scale web applications. Expertise in leveraging the MERN stack to build secure, high-performance systems, demonstrated by achieving a 20% performance boost in a production environment. Passionate about integrating advanced AI tools and methodologies to drive innovation and efficiency. Seeking to contribute technical expertise and a results-oriented approach to a forward-thinking engineering team.

Technical Skills

Languages : Python, JavaScript, SQL, C

Frontend : React.js, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Bootstrap, Next Js, TypeScript, Responsive Design

Backend : Node.js, Express.js, RESTful APIs, JWT, Bcrypt, Multer, Middleware

Database & Cloud : MongoDB, MySQL, Database management, AWS

Devops & Tools : Git, GitHub (Actions, CI/CD), Vercel, Render, Netlify, Postman, Thunder Client

AI & Modern Tooling : Google Gemini API, GitHub Copilot, Cursor, Lovable AI, Advanced Prompt Engineering

Work Experience

Full Stack Developer / Randstad India Pvt. Ltd – Hyderabad, India

Apr 2024 – Oct 2024

- Engineered and enhanced internal full-stack applications, improving system performance by 20% through optimized API endpoints and efficient MongoDB query structures.
- Developed secure and scalable RESTful APIs using an MVC architecture with JWT authentication and bcrypt encryption, ensuring robust data protection for all user transactions.
- Built responsive and reusable React components, focusing on performance and user experience improvements.
- Collaborated within an Agile cross-functional team, utilizing Git and GitHub for version control, feature tracking, and facilitating seamless deployment workflows.

Projects

Proposify-AI (AI Proposal Generator & Chatbot)

[Proposify-AI](#)

- Developed a full-stack application using Google's Gemini AI to generate structured business proposals from user prompts, reducing manual effort by 70%.
- Integrated Gmail API for automated email delivery, streamlining the client outreach process and minimizing manual tasks.
- Designed a responsive single-page application (SPA) with interactive 3D backgrounds using Vanta.js, enhancing user engagement.
- Tech Stack:** HTML, CSS, JavaScript, Google Gemini API, Bootstrap.

E-Commerce Web Application

[E-Commerce](#)

- Built a feature-rich e-commerce platform with user authentication, product catalog, shopping cart, and admin panel.
- Implemented a secure authentication system with JWT and bcrypt, and added product image upload functionality using Multer middleware.
- Developed a complete set of RESTful APIs for CRUD operations and deployed the frontend on Vercel and backend on Render.
- Tech Stack:** React.js, Node.js, Express.js, MongoDB, Tailwind CSS, JWT, Bcrypt.

Education

Lakireddy Bali Reddy College of Engineering

BTech in Mechanical Engineering - [GPA: 8.48/10]

June 2019 – August 2023

Certifications

SQL Certified (HackerRank)

AI Copilot for Developers (Microsoft)