

SALMAAN M

SOFTWARE DEVELOPER

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EDUCATION

Sri Shakthi Institute of Engineering and Technology

2022-2026 CGPA: 7.9*

Stanes Anglo Indian HSS State Board (HSC)

12th (2021-2022) 80.3%

AREAS OF INTEREST

- Java Programming
- Software Development
- Frontend Development
- Cloud & MLOPS
- AI/ML

SKILLS

- Java Programming
- HTML, CSS, JavaScript
- SQL, React JS
- Postman API
- Git & GitHub, AWS
- MERN

CERTIFICATES

- Scaler Java : Mastering the fundamentals
- HackerRank : Software Engineer Intern
- HackerRank : React
- HackerRank : Java

KEY STRENGTHS

- Collaborative
- Flexible
- Time Management
- Communication Skills
- Adaptability

LANGUAGE

- English (Fluent)
- Tamil (Fluent)
- Urdu (Native)
- Hindi (Conversational)

SUMMARY

Software developer specializing in AI-driven and cloud-native applications with a focus on automation and user-centric design. Proficient in full-stack development, serverless cloud services, and AI/ML integration. Eager to contribute strong problem-solving skills, a collaborative mindset, and a passion for continuous learning to IBM's dynamic and innovative technology environment.

PROJECTS

◎ Constitution Connect - [Github]

- Built responsive React-based UI to simplify constitutional articles for better understanding and to improve literacy.
- Integrated chatbot API and developed quiz components to improve user engagement.
- Ensured a responsive and optimized UI for smooth and efficient user interactions.
- Tools Used:** MERN (MongoDB, Express.js, React, Node.js), Chatbot API.

◎ AI-Powered Resume Analyser & Applicant Tracking System - [Github]

- Developed an AI-driven resume feedback system featuring parsing, PDF-to-image conversion, and skill-matching algorithms for personalized insights.
- Integrated serverless services for authentication, file storage, and AI model access (LLMs like GPT, Claude, Grok).
- Deployed the application using serverless cloud hosting with GitHub version control.
- Tech Stack:** React, React Router v7, Tailwind CSS, Zustand, pdf.js, xlsx, Puter.js.

◎ Automated AI Consulting Reports with n8n & Base44- [Github]

- Automated AI consulting report generation using n8n and Base44, handling 100+ client requests by analyzing business problems with LLM agents.
- Generated and delivered client-ready HTML reports via email, reducing manual report preparation time by 70%. Streamlined AI consulting workflows by integrating no-code automation and AI-driven analysis.
- Tools Used:** n8n, Base44 AI, LLM agents, HTML, email automation.

◎ ThinkBoard-Note Making Application - [Github]

- Developed a full-stack application using the MERN stack.
- Implemented CRUD functionality to create, update, and delete notes with title and description.
- Integrated Upstash Redis for request rate limiting, capping requests at 100 per minute to prevent server overload and enhance backend stability.
- Designed a fully responsive UI for seamless user experience.
- Tools Used:** MongoDB, Express, React, Node, Upstash Redis

PATENT

- Constitution Connect - ·Docket Number:142129 (2024)

PUBLICATIONS

- IJPREMS: Constitution Connect (2024)
- IJIET: Virtual Class Room (2024)