

# SALMAAN M

SOFTWARE DEVELOPER

7395816915

Coimbatore, India

salmaansalmaan114@gmail.com

linkedin.com/in/salmaan-m

github.com/Salmaan-M

leetcode.com/Salmaan-M

## 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%

Stanes Anglo Indian HSS  
State Board (SSC)

10th (2019-2020) 68.8%

## AREAS OF INTEREST

- Frontend Development
- Java Programming
- 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)
- Hindi (Fluent)

## SUMMARY

Aspiring AI enthusiast with strong Java problem-solving skills and basic Python knowledge, eager to explore AI, ML, and Generative AI. Hands-on experience with full-stack projects using React and Java, with interest in AI model integration, prompt engineering, and cloud deployment. Motivated to learn quickly and contribute to real-world AI projects.

## PROJECTS

### AI-Powered Resume Analyser & Applicant Tracking System

- Built a system to analyze resumes and provide automated feedback for recruitment workflows.
- Implemented resume parsing, PDF-to-image conversion, and skill-matching algorithms for AI-driven insights.
- Integrated serverless services for authentication, file storage, and free AI model access (LLMs like GPT, Claude, Grok).
- Deployed the solution on serverless cloud hosting with GitHub version control

### Constitution Connect

- Built a 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 seamless API communication with backend for smooth functionality.
- Tools Used:** MERN (MongoDB, Express.js, React, Node.js), Chatbot API.

### Detection of Endangered Species – AI & Image Processing Project

- Built a system to detect endangered species from 2,000+ uploaded camera trap images using image processing and AI models.
- Implemented species classification and identification to support wildlife species.
- Addressed challenges such as camouflage and low-light conditions to improve detection accuracy.
- Tools Used:** LabelImg, Python, AWS, Jupyter Notebook, Flask

### ThinkBoard-Note Making Application

- 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

- International Journal of Progressive Research in Engineering Management and Science (IJPREMS)  
Chapter Title : **Constitution Connect (2024)**