

Salmaan M

7395816915 | salmaansalmaan114@gmail.com | linkedin.com/in/salmaan-m | github.com/Salmaan-M | salmaanm.netlify.app

SUMMARY

Software Development Engineer with hands-on experience building full-stack web applications and backend systems. Skilled in developing REST APIs, integrating AI-powered features, and deploying applications on cloud platforms using Docker and CI/CD pipelines. Experienced in collaborative development through open-source contributions and project-based delivery.

EDUCATION

Sri Shakthi Institute of Engineering and Technology

Bachelor of Engineering

- Current CGPA: 7.9*

Coimbatore, India

2022 – 2026

Stanes Anglo Indian HSS

State Board (HSC)

- Percentage: 80.3%

The Nilgiris, India

2021 – 2022

EXPERIENCE & TRAINING

Open Source – FOSSASIA | Scrum Helper ([GitHub](#))

- Submitted pull requests to improve project documentation, fixed broken links and improved contributor onboarding and followed open-source workflows using Git, GitHub, and CI tools

Rampex Technologies

MLOps Training

- Completed a 15-day intensive training program in MLOps focusing on Cloud development and deployment of AI/ML models.

Coimbatore, India

2024

PROJECTS

ATS Genius - AI-Powered Resume Analyser & ATS | ([GitHub](#))

2025

- Developed an AI-driven resume feedback system featuring parsing, PDF-to-image conversion, and skill-matching algorithms.
- Integrated serverless services for authentication, file storage, and AI model access (GPT, Claude, Grok).
- Gives Implemented automated resume scoring and feedback generation by comparing resumes against job descriptions to suggest targeted improvements.
- Tech Stack:** React JS, Tailwind CSS, Puter.js, pdf.js, Zustand

Constitution Connect | ([GitHub](#))

2024

- Built responsive React-based UI to simplify constitutional articles for better literacy and engagement.
- Integrated chatbot API and developed quiz components to improve user interaction.
- Ensured a responsive and optimized UI for smooth and efficient user experience.
- Tech Stack:** MERN (MongoDB, Express.js, React, Node.js), Chatbot API, JWT, Tailwind CSS

Detection of Endangered Species | ([GitHub](#))

2024

- Built a system to detect endangered species from 2,000+ camera trap images using image processing and AI models.
- Implemented species classification and identification to support wildlife conservation efforts.
- Addressed challenges such as camouflage and low-light conditions to improve detection accuracy.
- Tech Stack:** AWS, Docker, CI/CD, Cloud Deployment, Jenkins, LabelImg, YOLOv5

Hospital Management System | ([GitHub](#))

2024

- Designed and developed a Java-based console application using Object-Oriented Programming (OOP) principles.
- Implemented core hospital operations like patient registration, doctor listings, and appointment bookings.
- Tech Stack:** Java, MySQL, JDBC

TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript, C, HTML, CSS

Frameworks: React JS, Node.js, Express.js, MERN Stack, Tailwind CSS, Redux, Zustand

Tools: Git, GitHub, AWS, Docker, Jenkins, CI/CD, Postman API, Puter.js, Supabase, n8n, SQL

Areas of Interest: Software Development, Full-Stack, Cloud, MLOps, Java Programming

PUBLICATIONS & CERTIFICATES

IJPREMS: Constitution Connect (2024) | IJPREMS: ATS GENIUS (2025)

HackerRank: Software Engineer Intern, React, Java

Scaler: Java: Mastering The Fundamentals