SANITH R SHETTY

Computer Science Undergraduate | Full Stack Developer
Mangalore, Karnataka | +91 63621 77190 | sanithrshetty15@gmail.com
LinkedIn: linkedin.com/in/sanithshetty | GitHub: github.com/sanithrshetty15

PROFESSIONAL SUMMARY

Computer Science undergraduate at Alva's Institute of Engineering and Technology with a strong foundation in full-stack web development and hands-on experience building web applications. Experienced with React, JavaScript, Node.js, Express, Ruby on Rails, MongoDB, and PostgreSQL, with exposure to IoT and AI-focused projects. Contributed to the OSC AI Build 1.0 Hackathon through the XAI Thyroid project. Seeking software development internship opportunities.

EDUCATION

Alva's Institute of Engineering and Technology | Mangalore, Karnataka | 2025 – 2029

B.E. in Computer Science & Engineering | CGPA: 8.60

TECHNICAL SKILLS

Programming: C++, JavaScript

Frontend: HTML, CSS, React

Backend: Node.js, Express, Ruby on Rails

Databases: MongoDB, PostgreSQL

Tools: Git, GitHub, VS Code

Other: IoT Integration, AI, Explainable AI

HACKATHON EXPERIENCE

OSC AI Build 1.0 Hackathon | Contributor

Contributed to the XAI Thyroid project as part of the OSC AI Build 1.0 Hackathon, working on an AI-focused platform for thyroid disease prediction and explainability.

PROJECTS

XAI Thyroid — Intelligent Thyroid Diagnosis Platform

GitHub: github.com/Sanchitha408/xai-thyroid-web

- Contributed to an AI-focused thyroid disease prediction platform with explainable AI capabilities.
- Worked on a web-based system integrating a React/Vite frontend, Node.js/Express backend, PostgreSQL database, and Python-based machine learning service.
- Project technology stack includes scikit-learn, XGBoost, SHAP, FastAPI, JWT, Tailwind CSS, and Groq API.

MediLink — Hospital Record Management

GitHub: github.com/sanithrshetty15/medilinkorg

- Built a full-stack web application for storage, retrieval, and management of hospital patient records and medical data.
- Implemented the application using React, Node.js, Express, and MongoDB.

AquaBuddy — E-Waste Water Extraction Robot

GitHub: github.com/sanithrshetty15/aquabuddy

- Developed a companion web platform for an e-waste atmospheric water extraction robot.
- Implemented monitoring and device-control functionality using React, Node.js, PostgreSQL, and IoT integration.

Edwin's Library — College Library Portal

GitHub: github.com/sanithrshetty15/edwinslibrary

- Built a full-stack college library management website with book cataloguing, search, student login, and borrowing/return tracking.
- Implemented using HTML, CSS, JavaScript, Ruby on Rails, and PostgreSQL.