

ANIL BV

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Sakleshpur, Hassan

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Profile Summary

AI-assisted Full Stack Developer and Python Developer skilled in React, Node.js, Express, and MySQL, capable of building clean, scalable end-to-end applications. Strong practical prompt engineering skills using tools like ChatGPT, Cursor, GitHub Copilot, Bolt, and Windsurf to accelerate development, debug efficiently, and deliver optimized solutions. Passionate about problem-solving, automation, computer vision, and continuous learning.

Education

B.E. in Computer Science Engineering

CGPA: 8.03 Sri Venkateshwara College of Engineering, Bengaluru

PUC – Science

75.83% Sujala PU College, Hassan

SSLC

85.6% Sanvi Public School, Hethur

Projects

- **AI-Powered Accident Detection System (Idea Phase)** Proposed a real-time accident detection system using Python, OpenCV, and video analytics to auto-alert emergency services.
- **Real-Time USB Monitoring**
Anti-Cheating Tool Python-based security tool detecting unauthorized USB usage with instant alerts and automatic log generation.
- **Mentor Connect – Full Stack Web Application** Developed mentor-student interaction platform using HTML, CSS, JavaScript, PHP, and MySQL enabling secure login, profiles, and communication.
- **Driver Drowsiness Detection** Built a computer vision solution using Python and OpenCV to detect eye closure and warn drivers via alarm.
- **Road Extraction from Satellite Images** Implemented image processing pipeline to identify and extract roads from satellite imagery for GIS applications.

Technical Skills

Languages: Python, JavaScript

Frontend: React.js, HTML, CSS

Backend: Node.js, Express.js

Database: MySQL, MySQL Workbench

AI Tools: ChatGPT, Cursor, GitHub Copilot, Google antigravity.

Developer Tools: Git, VS Code, XAMPP

Strengths: Full Stack Development, Prompt Engineering, Problem Solving, API Integration, Automation Scripts

Achievements

Certifications

- 2nd Place – IoT Workshop Competition
- Hackathon Participant – SJB Institute of Technology
- Python Certification – GeeksforGeeks
- Data Visualization with Python – IBM Cognitive Classes
- Cyber Security Analyst Simulation – Tata Forage
- Completed TechSaksham Edunet Workshop
- Infosys Springboard Certifications

Languages

English, Kannada, Hindi