

# ANIL BV

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📍 Sakleshpur, Hassan

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## Profile Summary

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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

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<b>B.E. in Computer Science Engineering</b>	<i>CGPA: 8.03</i> Sri Venkateshwara College of Engineering, Bengaluru
<b>PUC – Science</b>	<i>75.83%</i> Sujala PU College, Hassan
<b>SSLC</b>	<i>85.6%</i> Sanvi Public School, Hethur

## Projects

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- **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

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**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

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- 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

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English, Kannada, Hindi