ANIL BV

STUDENT

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SOFT SKILLS

- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking

TECH SKILLS

- Python
- PHP
- SQL, MySQL
- Web Development

LANGUAGES

- English
- Kannada
- Hindi

PROFILE

Passionate Computer Science Engineering student with a keen interest in Python programming and web development. A quick learner and team player, I thrive in collaborative environments and enjoy solving complex problems with innovative solutions. Known for my strong listening skills, I value diverse perspectives and contribute effectively to discussions. Always eager to grow, I embrace challenges and strive for excellence in everything I do.

EDUCATION

Bachelor of Computer Science & Engineering   2022 - 2026
Sri Venkateshwara College of engineering,Banglore
CGPA: 7.89 / 10.0

PROJECTS

1. MENTOR CONNECT

Mentor Connect is a web-based platform designed to connect mentors and mentees, facilitating communication, profile management, and meeting scheduling. It includes features like chat functionality, mentor-mentee dashboards, and feedback systems

Technologies Used: *Frontend: HTML, CSS, JavaScript   Backend: PHP*
Database: MySQL (via XAMPP)

2. SOFTWARE CAMERA DETECTION

Software Camera Detection is a driver monitoring system that detects drowsiness or eye closure using an external high-quality camera and alerts the driver with a beep sound to prevent accidents.

Technologies Used: *Programming Language: Python*
Libraries: OpenCV, dlib, NumPy
Functionality: Real-time face and eye tracking, sound alert system for drowsiness detection

3. FARMER MANAGEMENT SYSTEM

Farmer Management System is a web-based platform designed to assist farmers with predictive insights for crop selection and fertilizer recommendations based on Karnataka's districts, soil type, rainfall, and temperature. It aims to enhance agricultural productivity through data-driven decision-making.

Technologies Used: *Frontend: HTML, CSS, JavaScript*
Backend: PHP
Database: MySQL (via XAMPP)
Functionality: Crop and fertilizer prediction, data storage, and user-friendly interface

4. AI CHATBOT

An intelligent chatbot designed to interact with users, answer queries, and provide automated responses. It uses Natural Language Processing (NLP) to understand user inputs and respond appropriately. The chatbot can be integrated into websites or messaging platforms to enhance user engagement.

Technologies Used:
- *Programming Language: Python*
- *Libraries: NLTK, TensorFlow (optional), OpenAI API (optional)*
- *Functionality: User input processing, automated responses, conversational AI*

5. TRAIN BOOKING SYSTEM (DBMS + SQL)

A database-driven train reservation system that allows users to book, modify, and cancel train tickets. It manages passenger details, seat availability, and payment transactions efficiently.

Technologies Used:
- *Frontend: HTML, CSS, JavaScript (for UI)*
- *Backend: Python*
- *Database: SQL (MySQL)*
- *Functionality: User registration, train schedule management, seat booking*

6. CYBER TRIAGE TOOL

A digital forensic investigation system that helps analyze and streamline cybercrime investigations. It automates evidence collection, identifies Indicators of Compromise (IOCs), and generates forensic reports.

Technologies Used:
- *Programming Language: Python*
- *Libraries: Pandas, OpenCV (for image analysis), Scikit-learn (for anomaly detection)*
- *Functionality: Digital evidence collection, malware detection, forensic timeline creation, and automated report generation*

ACHIEVEMENTS & CERTIFICATIONS

Workshops & Competitions:
- Successfully completed a TechSaksham Edunet workshop and earned certification.
- Attended an IoT Workshop and secured 2nd place by solving a given problem.

Certifications:
- Python Course Certification (2025) – GeeksforGeeks
- Data Visualization with Python – IBM Cognitive Classes
- Cyber Security Analyst Job Simulation – Tata Forage
- Completed multiple foundation courses & certifications on Infosys Springboard