ARAVETI VAMSI

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Career Objective

Final-year B.Tech Computer Science student with experience in building full-stack applications and AI-based solutions. Skilled in Python, SQL, and data-driven system design with a focus on problem-solving and scalable implementation. Interested in contributing to data engineering and intelligent automation projects.

Education

KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION, Tamil Nadu   *2022–2026*

B.Tech (Computer Science Engineering)   *CGPA: 7.95*

Skills

Programming Languages: Python, SQL

Frontend: HTML, CSS, Bootstrap

Frameworks: Flask

BI Tools: Microsoft Power BI

Database: SQL

Tools Used: GitHub, MS Office, Visual Studio Code

Soft Skills: Communication, Teamwork, Time Management

Work Experience

Intern – Web Development — LinkedLogi International Pvt.

- Developed an e-commerce web application with product catalog, cart management, and secure user authentication.
- Implemented responsive UI components and integrated backend logic to ensure smooth page interactions.
- Reported and resolved platform bugs, and suggested UI/UX improvements to enhance overall user experience.
- Supported deployment workflows by testing, debugging, and optimizing feature performance.

Projects

AasraGuide – AI Student ChatBot   GitHub

- Developed an AI-powered student productivity platform with features like Notes (rich editor, highlighting, attachments), Assignments Manager, Exam Helper, and Pomodoro Timer.
- Integrated an AI Chat Assistant for instant study guidance, doubt-solving, and personalized learning recommendations.
- Implemented secure login, modular feature routing, SQLAlchemy CRUD operations, and a modern responsive UI with dark theme.
- **Tech Stack:** Python, Flask, SQLAlchemy, HTML, CSS, JavaScript, OpenAI API, SQLite.

Face Recognition Attendance System   GitHub

- Built an end-to-end attendance system processing unstructured image data and generating face embeddings using OpenCV and face-recognition.
- Designed data pipelines to store, retrieve, and track attendance logs with filtering, validation, and duplicate-prevention safeguards.
- Implemented role-based access control, attendance dashboards, and automated CSV/PDF reporting.
- **Tech Stack:** Python, Flask, OpenCV, face-recognition, Pandas, SQL, HTML, CSS, JavaScript.

GoTogether – Smart Carpooling System   GitHub

- Built a web-based ride-sharing platform and designed the backend data model for users, trips, and bookings.
- Implemented data workflows for real-time ride matching and activity logging.
- Developed core modules including authentication, booking system, and usage leaderboards.
- **Tech Stack:** HTML, CSS, JavaScript, PHP, SQL.

Certifications

- Python - GeeksforGeeks..
- Learn SQL - CodeChef
- TCS iON Career Edge- Young Professional - TCS ion