SUHEN M G

CSE student at CEC Mangalore

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OBJECTIVE

Highly motivated and detail-oriented Computer Science student with expertise in Python, Machine Learning, and Fullstack development. Passionate about solving real-world problems and contributing to impactful, large-scale projects through collaborative innovation.

EDUCATION

Bachelor of Engineering Computer Science   **2023 -2027**
Canara Engineering College ,Mangalore CGPA - 7

ACHIEVEMENTS

Hackathon Finalist – Developer

Hack2Future @ IIIT Dharwad | November 2024

- Participated in a 24-hour national-level hackathon focused on real-world problem solving using AI and software development.
- Developed a project on image upscaling using machine learning, selected among the top 40 teams across the country.
- Collaborated in a high-pressure environment and delivered a functional prototype within the given timeframe.

Hackathon Finalist – Full Stack Developer

SuPrathon (National-Level Hackathon) |June 2025

- Competed in a 36-hour hackathon, designing an AI-powered interview analysis web application.
- Integrated tools like MediaPipe ,AssemblyAI and FFmpeg with a Django backend.
- Application was recognized and selected among the top 20 teams nationally.

RELEVANT PROJECTS & EXPERIENCE

Disease Risk Prediction Web(Diabetes &CVD, Full stack)

- Developed a doctor-focused web app for predicting diabetes and cardiovascular risk using a Linear Regression model, achieving 76% accuracy.
- Implemented secure user authentication, responsive design, and database integration (Psql) for seamless clinical use.

AI Interview Feedback System (Full Stack)

- Developed a web-based application that analyzes mock interviews using AI to provide real-time, timestamped feedback on speech and body language.
- Implemented webcam integration and used AssemblyAI, MediaPipe, FFmpeg and a Django backend for accessible, scalable soft-skill evaluation.

Restaurant Website (Full Stack)

- Built a full-featured restaurant website with User login, allowing customers to maintain their profiles, save orders, and book tables seamlessly.
- Implemented "Add to Collection" and table booking with responsive UI for optimal cross-device experience.

TECHNICAL SKILLS

- Programming Languages: Python, C
- Machine Learning
- Libraries: NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn, MediaPipe, OpenAI Whisper
- Concepts: Data Preprocessing, Model Evaluation, Regression, Classification
- Web Frameworks & APIs: Django, Flask, REST frameworks
- Database: PostgreSQL
- Tools: Bootstrap, Git, Jupyter, FFmpeg