ANSAF VAILAYIL SUBAIR

+91 8848641440 | +971 507745467 | ansafvs@gmail.com | linkedin.com/in/ansaf-subair

PROFESSIONAL SUMMARY

Full-Stack Developer with hands-on experience in Computer Vision and web application development. Proficient in building feature-rich applications including real-time detection systems, peer-to-peer platforms, and responsive web interfaces. Strong focus on clean code, performance optimization, and delivering user-centric solutions.

EDUCATION

SCMS School of Engineering and Technology **Expected 2027**
Bachelor of Technology in Computer Science (Final year) CGPA: 7.1/10

The MODEL School, Abu Dhabi **2022**
Higher Secondary Education Percentage: 84%

SKILLS

- **Languages:** Python, JavaScript, HTML/CSS, SQL.
- **Core:** Data Structures and Algorithms, OOP, System Design Basics
- **Web:** Firebase, Supabase, Next.js, HTML/CSS, REST APIs.
- **AI & CV:** OpenCV, MediaPipe, Machine Learning Classification.
- **Databases:** PostgreSQL (Supabase), Firebase Firestore.
- **Tools:** Git, GitHub, VS Code, Pygame.

TECHNICAL PROJECTS

DrowseGuard – Driver Drowsiness Detection System

- Developed a vision-based safety system tracking 478 3D facial landmarks using MediaPipe.
- Implemented EAR and MAR algorithms to detect microsleep and yawning of drivers in real time.
- Built an escalating audio alert system and an SQLite-based "Black Box" (blackbox.db) for incident logging.

P2P Thrift Marketplace **Live**

- Architected an e-commerce platform for curated vintage fashion, leveraging a zero-inventory thrift model.
- Integrated direct client-to-consumer communication pipelines via integrated social media APIs and secure email protocols for frictionless order fulfillment.
- Developed a responsive minimalistic UI to facilitate direct user-to-user listing and fulfillment.

Personal Portfolio–Interactive Web Showcase **Live**

- Engineered a responsive portfolio website utilizing Next.js, React, and TypeScript to deliver a high-performance, modern digital experience.
- Developed custom UI components including parallax scrolling, hover-triggered animations, and dynamic skill bars.
- Optimized for cross-platform responsiveness and seamless user engagement through refined CSS transitions.

EXPERIENCE

AI Data Contributor — Outlier (Remote) **2025 – Present**

- Perform data annotation and AI model training for the Aether project.
- Provide technical feedback and quality assessment for Large Language Model responses.

CERTIFICATIONS

- **Oracle Data Platform 2025 Certified Foundations Associate** – Oracle University, 2026
- **Python for Everybody** – Coursera / University of Michigan

INTERESTS

- **AI Exploration:** Researching emerging AI tools and LLM frameworks to optimize development workflows and automation.
- **System Design:** Exploring scalable architectures and real-time data synchronization patterns for web applications.
- **Competitive Programming:** Solving algorithmic challenges to refine logic and improve problem-solving efficiency.