Hoor Amir

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PROFESSIONAL SUMMARY

Software Developer with hands-on experience in Python, backend development, and AI-driven systems. Skilled in building RESTful APIs, workflow-based applications, and monitoring dashboards using Flask. Experienced in system automation, request handling, and AI-assisted logic, with a strong focus on practical, user-oriented solutions.

PROJECTS

DrDrone - AI-Powered Drone Human Fall Detection | Python, Flask, OpenCV, YOLOv8, ESP32-CAM

- Built a real-time drone-based human and fall detection system with live streaming.
- Integrated YOLOv8 models with Flask backend and alerting dashboard.
- Optimized inference for stable real-time performance on constrained hardware.

Haelix - AI-Based Fashion Recommendation System | Python, Flask

- Developed AI-driven recommendations based on user preferences, occasions, and trends.
- Built scalable backend services and responsive user interfaces for web deployment.

Food Ordering System - Full-Stack Web Application | Python, Flask, JavaScript, SQL

- Implemented order creation, tracking, and backend processing workflows.
- Developed RESTful APIs and responsive user interfaces.

OpenCV Project Series - Computer Vision Applications | Python, OpenCV, MediaPipe

- Developed gesture recognition, object tracking, and interactive real-time systems.

EXPERIENCE

Developer & UI/UX Designer

Zahir Al Jahani | Jun 2024 - July 2025

- Developed backend logic and UI components for production-level web applications.
- Designed responsive dashboards focused on usability and workflow efficiency.
- Integrated REST APIs and collaborated with teams to improve system functionality.

Developer (Testing & Development)

Ayzntra | Sept 2025 - Dec 2025

- Contributed to backend feature development and REST API integration for internal web modules.
- Performed functional testing, bug fixing, and basic performance improvements across application components.

TECHNICAL SKILLS

Languages: Python, JavaScript, SQL
Backend & APIs: Flask, REST APIs, Authentication & Authorization (JWT, RBAC)
AI & Automation: AI-assisted classification and workflow automation
Frontend: HTML, CSS, Responsive UI, Dashboards
Tools/ Frameworks: Git, GitHub, Google Colab, Figma, TensorFlow, PyTorch, Numpy, Pandas

EDUCATION

BSc in Computing (Data Science Major)
BIG Academy (EUCLEA), Saudi Arabia
Expected Graduation: 2027

- CGPA: 5.0 / 5.0
- Ranked 1st

CERTIFICATIONS

- Introduction to Data & Data Science - 365 Data Science
- IT Foundation (Microsoft 365) - EUCLEA
- Arduino Circuit Certificate (Robotics) – EUCLEA
- Python Programmer Bootcamp