

Hoor Amir

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PROFESSIONAL SUMMARY

Software Developer with hands-on experience in **Python, web development, and AI-driven systems**. Experienced in building **backend services, dashboards, and real-time applications** using **Flask and REST APIs**. Strong understanding of system workflows, automation, and user-focused design, with practical exposure to AI integration.

PROJECTS

AI-Based Ticketing & Workflow Systems

- Designed backend logic for user requests, categorisation, and status tracking using Flask and REST APIs.
- Implemented dashboards for monitoring requests, responses, and system activity.
- Applied AI concepts

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 MJPEG video streaming.
- Integrated YOLOv8 pretrained and custom models for detection; triggered real-time alerts via Flask backend.
- Developed a web dashboard displaying live feed, detection overlays, and alert status.
- Optimised model inference and performance under hardware and network constraints.

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

- Developed AI-driven recommendations based on user preferences, occasions, and trends.
- Built backend, system logic, and responsive UI for scalable web deployment.
- Integrated AI insights to enhance user experience and personalised suggestions.

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

- Designed a full-stack platform with menu browsing, order placement, and backend processing.
- Implemented RESTful APIs and responsive UI for seamless user interaction.

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

- Developed gesture recognition, object tracking, and interactive real-time systems.
- Worked with camera input, frame processing, and landmark detection for optimised CV pipelines.

EXPERIENCE

Developer & UI/UX Designer

Zahir Al Jahani | Saudi Arabia

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

Developer (Testing & Development)

Ayzntra

- Built and maintained web application features using Python and web technologies.
- Assisted with backend development, API integration, and system logic.
- Worked on debugging, testing, and performance improvements.

TECHNICAL SKILLS

Languages: Python, JavaScript, SQL

Backend & APIs: Flask, REST APIs, Authentication, Role-Based Access (Conceptual)

AI & Automation: AI Integration, Workflow Automation, AI-Assisted Classification

Frontend: HTML, CSS, Responsive UI, Dashboards

Tools: Git, GitHub, Google Colab

EDUCATION

BSc in Computing (Data Science Major)

BIG Academy (EUCLEA), Saudi Arabia

Expected Graduation: 2027

- CGPA: 5.0 / 5.0
- Ranked 1st (Top of Class)

CERTIFICATIONS

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