

Summary

AI & Robotics Engineer with a track record of building autonomous systems and data-driven solutions. Specialized in **Agentic AI, Computer Vision, and Full-stack Robotics**. Awarded "Best Engineer 2024" and 1st place in WRO Saudi. Passionate about deploying scalable AI agents and automating complex industrial workflows.

Experience

AI Specialist | Zid AI AppNov 2025 - Current

- Built an **AI-powered embedded application** to automate e-commerce workflows and improve merchant productivity
- Developed AI tools for product **descriptions, SEO content, image enhancement, background editing, logos, banners.**
- Integrated external generative **AI APIs** for text and image workflows.
- Built migration pipelines for moving store data from **Salla and Shopify into Zid.**
- Developed features using **React, TypeScript, Tailwind CSS, Supabase, Zid APIs, and OAuth 2.0.**

Technical Supervisor – YAMAMAH Rescue DroneAug 2025 - Oct 2025

- Led the technical design of an **AI-powered autonomous rescue drone system.**
- Implemented Edge **AI on Raspberry Pi**, computer vision, **STT/TTS**, and **n8n**-based automation.
- Achieved 1st Place – WRO Saudi 2025 and **Bronze Medal – World Finals.**

Full Stack Robotics Engineering Intern – Smart MethodsAug 2024 - Oct 2024

- Hands-on training in **robotics mechanics, electronics, AI, and NLP-based systems.**
- Designed and programmed robotic components using **ROS and ML techniques.**
- Awarded “**Best Engineer 2024**” and earned **Full Stack Robotics Engineer Certification.**

Education

BSC in Artificial Intelligence, GPA: 4.26, University of JeddahAug 2020 – Jan 2025 | Jeddah
Data Science & Ai bootcamp by Le Wagon, Saudi Digital AcademyFeb 2025 – May 2025 | Riyadh

Achievement

- 1st Place** – WRO Saudi 2025 (YAMAMAH Rescue Drone Team)
- Best Engineer Award, 2024**
- 1st Place** – Drones Hackathon, University of Jeddah
- 2nd Place** – Smart Methods Hackathon
- Champion of the Week** – SDA Data Science Bootcamp
- 3rd Place** – AgentX Hackathon (SABAQ Project)
- Mentor** – RoboRumble & Princess Nourah Hackathons

Project

Emotion Recognition – Multimodal Deep Learning (Graduation Project)

- Developed a multimodal emotion recognition system using **ViT** and **GRU** for image and audio analysis.
- Achieved **96.9% accuracy** on the RAVDESS dataset.

V-TAC – AI Tactical Assistant (Saudi Digital Academy)

- Developed an AI system for match prediction and real-time tactical analysis using **AutoGluon** and **Streamlit.**
- Integrated **LLM-based** recommendations.

Multi-Agent AI System – SABAQ (AgentX Hackathon)

- Developed a multi-agent AI system for proactive decision-making using **LLMs & Agentic AI** architectures.
- Designed **agent workflows and orchestration pipelines** for task automation and intelligent responses.
- Implemented **context-aware reasoning and task execution** using LangChain / AI agents frameworks.

Skills

Generative AI & LLMs | Agentic AI (LangChain) | Machine Learning | Computer Vision (YOLOv8) | Robotics (ROS) | Python & SQL | Full-stack Development (React & Supabase) | Edge AI & IoT | Data Pipelines & ETL | Deep Learning (Transformers)