# Eyas Majeed

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## SUMMARY

Computer Science graduate from King Abdulaziz University (2026) focused on backend development and applied AI. I have built Laravel and MySQL backends, a platform a team used every day during a live pilot, and the explainable AI module and monitoring dashboard of a botnet detection system. I explain technical work clearly to non-technical people in Arabic and English.

## EXPERIENCE

**Backend Developer — Marsa** Sep 2025 – Jan 2026
*Business Analysis Association Group · B2B platform for mosque maintenance · Remote, part-time*

- Built the backend for a platform connecting mosque administrators with maintenance providers: MySQL schema, REST APIs for public pages and admin tools, and service-request routing and approval logic.
- Tested the endpoints manually in Postman before handover and added response fields when the front-end developer needed them.

**Backend Intern — Blend (Al-Mumkinah Information Technology)** Jun 2025 – Aug 2025
*Logistics data platform · Riyadh, onsite*

- Built Laravel API endpoints that normalized order data from three Saudi delivery platforms, each with its own format, into one unified business dashboard, covering the many order scenarios in each format so the dashboard did not break.
- Contributed to a Flutter app for managing orders and logistics.

**App Developer — Novelty (student startup)** May 2023 – May 2025
*INJAZ Saudi Arabia Company Program · Jeddah, part-time*

- Built an IoT school bus tracking system with Flutter, Firebase Realtime Database and ESP32 for drivers, school managers and parents, with live GPS location and student status; when the connection dropped, the device kept the last location and sent it once it reconnected.

## PROJECTS

**Absir — Behavior Change Program Platform (Baseerah Initiative)** Sep 2026 – Oct 2026
*Technical lead, team of 3 · TypeScript, Cloudflare Workers, Google Sheets API · absir-plan.pages.dev/platform*

- Built the supervisor platform the team used every day of the pilot: daily check-ins, automated scoring, a leaderboard and pre/post outcome matching, covered by 64 automated tests.
- Protected data integrity with a version number on every row to block conflicting edits, a log of every write, and access restricted through Cloudflare Access.
- Pilot results: 12 of 13 participants completed (92%), 152 of 156 daily reports submitted (97%), and 11 of 12 would recommend it.

**BotSense — AI-Based Botnet Detection (Graduation Project)** Sep 2025 – May 2026
*Team project · Python, PyTorch, scikit-learn, SHAP, PyQt6 · github.com/EyasMajeed/Botsense*

- Built the explainable AI module (Integrated Gradients implemented in PyTorch, SHAP) that maps each alert to a threat pattern, severity and recommended action, and the PyQt6 dashboard for live monitoring and PCAP upload.
- Team pipeline on four public datasets: a Random Forest separates IoT from non-IoT traffic, then CNN-LSTM detectors flag botnet activity; the IoT detector reached 99.91% accuracy and 99.95% precision on a held-out test set.

**Hemma AI Hackathon — Backend Developer** 2025

- Designed the backend and database on Supabase and delivered the APIs to the front-end team; the endpoints saved submissions from 100+ participants.

## LEADERSHIP & TRAINING

- Founder, Baseerah Initiative: a student awareness initiative on mindful phone use, now in its second iteration.
- Course Instructor, Taqn Charitable Society (2026): designed and delivered a 90-minute course on digital privacy and data protection.
- Guest Speaker, Gifted Technical Schools, Jeddah (Sep 2026): two 45-minute AI sessions for 69 high school students.

## EDUCATION

**BSc in Computer Science — King Abdulaziz University** Jul 2026
*Faculty of Computing and Information Technology, Jeddah*

## SKILLS

**Backend:** PHP (Laravel), REST APIs, MySQL, database design, Supabase, Firebase
**AI & Data:** Python, PyTorch, scikit-learn, pandas, SHAP
**Mobile & Other:** Flutter / Dart, Java, JavaScript, C++, ESP32
**Tools:** Git, GitHub, Postman, Microsoft Office
**Languages:** Arabic (Native), English (Professional Working Proficiency)

## PROGRAMS & CERTIFICATES

- Samsung Innovation Campus, AI track (Misk Skills), in progress • AWS AI & ML Scholars Challenge, Udacity, 2026