

AYA ALMASRI

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EDUCATION

Bachelor of Science in Computer Science, GPA: 3.91/4
American University of Science and Technology

Oct 2022 - Feb 2026

EXPERIENCE

Full Stack Web Developer Intern

Nov 2025 - Feb 2026

My Monty

- Gained hands-on experience in **Full Stack Web development** by building and integrating features using **Angular** on the Frontend and **Java (SpringBoot)** on the backend.
- Developed and deployed **RESTful APIs** using Java and **ORM tools (Hibernate/JPA)** for authentication, transactions, and user management while working with **SQL Server** via **SSMS** to query and manage relational data.
- Strengthened skills in responsive UI design with **PrimeNG** and **Bootstrap**, **API testing** with **Postman** and **Swagger**, and debugging frontend-backend integration issues.

Software Developer Intern

Jul 2025 - Aug 2025

Upscale Hub

- Gained hands-on experience in **cross-platform development** using **Flutter** and **Firebase**, contributing to a production-level voucher management system.
- Designed responsive UI and applied **MVVM architecture** with Provider for clean, scalable, and maintainable code.
- Strengthened skills in **cloud integration**, debugging, and version control (**Git/Azure DevOps**) while collaborating in a team environment.

PROJECTS

Transactions Management System | Angular, Typescript, Java

Dec 2025 - Feb 2026

- Engineered a **full-stack transactions management system** using **Angular** and **Spring Boot**, supporting secure processing, tracking, and management of financial data.
- Designed and implemented **RESTful APIs**, incorporating **input validation**, **error handling**, and **structured data flow** to ensure reliable, scalable, and secure transaction processing.
- **Built the platform from the ground up** using **Angular** with features such as **filtering**, **search**, and **real-time data updates**, enhancing usability and efficient interaction with transaction records.

XRA.I Mobilize | Java, XML, Supabase, Roboflow, Android Studio

Nov 2024 - May 2025

- Developed an **AI-powered bone cancer detection system** mobile application integrated with an **advanced hospital bed** for patient positioning.
- Designed and implemented a **full-stack system** using **Java** and **Supabase** to manage image uploads, analysis results, user data, and smart bed control logs within an AI-powered healthcare solution.

TECHNICAL SKILLS:

- **Programming Languages:** Java, C++, Dart, JavaScript, TypeScript, HTML, CSS, XML
- **Frameworks & Libraries:** Spring Boot, Angular, Flutter, Bootstrap
- **Databases & Cloud Services:** MySQL, SQL Server (SSMS), Firebase, Supabase
- **DevOps & Development Tools:** Docker, Git/GitHub, Postman, Android Studio, IntelliJ, VS Code
- **Networking & Tools:** Git/Github, Android Studio, VS Code, Postman, IntelliJ
- **Design & Prototyping Tools:** Figma, Webflow

ADDITIONAL INFO:

- **Soft Skills:** Communication, Leadership, Teamwork, Time Management, Problem Solving
- **Languages:** English (**Fluent**), Arabic (**Fluent**), French (**Basics**), Spanish (**Basics**)
- **Courses & Certifications:** Complete Web Design, Huawei HCIA-AI Training, AI for games, Competitive Programming, Computer Graphics, CCNA: Switching, Router, and Wireless Essentials, CCNA: Introduction to Networks, Information Technology Specialist
- **Achievements:**
 - Won **3rd** place at the **AUST 18th Annual Engineering and Computer Science Senior Expo - 2025**
 - Won **2nd** place at the **AUST Web Development Lab Expo - 2026**
 - Placed on Dean's Honors List