

ARWA MOHAMMAD

Junior Full-Stack Developer | Computer Science Graduate

SUMMARY

Computer Science graduate and self-taught Full-Stack Developer with experience building responsive, and scalable web applications. Skilled in developing modern front-end and back-end solutions using React, Next.js, Node.js, Express, and databases. Passionate about continuous learning and turning ideas into real-world products.

TECHNICAL SKILLS

- **Frontend:** HTML, CSS, JavaScript, TypeScript, React.js, Next.js, Tailwindcss
- **Backend:** Node.js, Express.js
- **Database:** MySQL, MongoDB
- **Tools:** Git, GitHub
- **AI Integration:** Google Gemini API, LLM Applications

PROJECTS

Mulhem – AI-Powered Story Writing Platform for Children Aug 2024 - Jan 2025

- Developed an interactive web application that helps Arabic-speaking children learn how to write stories using artificial intelligence.
- Integrated spelling and grammar correction in Arabic.
- Enabled Text-to-Image generation and story narration features.
- Utilized ALLaM by SDAIA for personalized Arabic writing assistance.
- Technologies: HTML, CSS, JavaScript, Python, Flask, LLM, Text-to-Speech, Text-to-Image.

AI Learning Assistant Jun 2026

- Built a full-stack AI-powered learning platform.
- Implemented document upload and AI chat functionality.
- Generated summaries, flashcards, quizzes, and concept explanations.
- Technologies: Next.js, TypeScript, Node.js, Express, MongoDB, Google Gemini API.

EXPERIENCE

Independent Full-Stack Developer 2024 - Present

- Built and deployed full-stack web applications using React, Next.js, Node.js, and Express.
- Developed responsive user interfaces and RESTful APIs for real-world projects.
- Integrated databases and AI-powered features into web applications.
- Managed source control and project workflows using Git and GitHub.

EDUCATION

Bachelor's Degree in Computer Science Aug 2021 - Feb 2025

Umm Al-Qura University

GPA: 3.96 / 4.00 — First Class Honors (Excellent)

LANGUAGE

- **Arabic** — Native
- **English** — Proficient

CONTACT

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- **LinkedIn:** <https://www.linkedin.com/in/arwa-hussain-51b540306>