

Muhammad Al Dawahreh

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[Portfolio Website](#) – [GitHub](#) – [LinkedIn](#)

Education

Mutah University, Bachelor's in Software Engineering

07/2021 - Present

Activities: Member of **ACM** Organisation, Member of **IEEE** Organisation, Member of **Mutah Developers Club**.

Experience

Amazon, Software Development Engineer Intern

Amman, Jordan – 07/2024 - 12/2024

Achievements/Tasks

- **MENA Retail & Pricing Team:** Worked on the **Buy Back Service** as part of the away team, collaborating closely with the home team in India to deliver high-quality solutions.
- **Project Ownership:** Led the successful launch of a high-impact project for **MENA marketplaces** (AE, SA, and EG) under mentorship. This project powers the "**Featured Products from Amazon**" section seen on **Amazon.com**, which I was responsible for delivering on schedule and to quality standards.
- **Cross-functional collaboration and Stakeholder Engagement:** Collaborated effectively with **international teams** across the **USA, Australia, UAE, and India**, engaging closely with **business stakeholders** and cross-functional teams to ensure smooth communication and **successful project delivery**.
- **Process Automation:** Came up with and developed an **automated process** that replaced manual operations for the business team, along with a **verification system**. This innovation, which I initiated, eliminated all related support tickets, **significantly reducing the workload for the technical team**.
- **Microservice Refactoring:** Refactored and optimized a **Java-based microservice**, improving code maintainability and system efficiency.
- **API Optimization:** Cleaned up unused features and deleted unused tables from a **critical production system**, **reducing costs** and **improving readability** to assist engineers, while enhancing **stability for millions of users**.

Arabic-Poetry.net, Founder

Karak, Jordan - 07/2024 - Present

Achievements/Tasks

- **Website Traffic & SEO:** Grew website traffic to over **3,000 visitors daily** and achieved the **#1 Google ranking** for the search term "أكبر موقع للشعر العربي".
- **Data Management:** Collected and organized a collection of over **160,000 Arabic poems from 6,000+ poets** in a relational database using **PostgreSQL**.
- **AI Integration:** Leveraged **AI** to categorize more than **2 million lines** of poetry by topic and implemented **AI** features for simplifying and explaining complex verses.
- **Custom Tool Development:** Created and integrated a robust **image editing tool**, empowering users to **design, edit, and download** customized poetry-themed graphics.
- **User Experience Design:** Developed an intuitive and engaging user interface for a seamless browsing experience of the extensive poetry database.
- **Infrastructure Optimization:** Hosted and Managed website infrastructure using **AWS** and successfully reduced costs by migrating website infrastructure to a single **VPS**.

Mutah University, Software Engineer and Team Lead (volunteer)

Karak, Jordan – 07/2022 - 11/2022

Achievements/Tasks

- **Built a website** where you can find everything you need as an IT student at Mutah University([website's link](#)).
- **Built and managed a team** of designers, quality assurance, and developers([our team](#)).
- Successfully attracted approximately **21,000 visits**, providing assistance to over **3,000 students**([statistics](#)).
- **Integrated a headless CMS** and **integrated Google Analytics** for data-driven insights([statistics](#)).

ACM Mutah University, Vice Chair (volunteer)

Karak, Jordan – 01/2022 - 10/2022

Achievements/Tasks

- **Created successful training courses** in the Front EndDevelopment field ([course link](#)).
 - Developed professional relationships with the team members to assist in resolving issues efficiently.
 - Monitored team performance, tracked metrics, and managed underachievers.
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Skills

Java | JavaScript | TypeScript | Node.js | Spring Boot | React | Next.js | Astro | Express | Redux | Recoil | GraphQL | Apollo | SQL | MongoDB | API Integration | Jest | JUnit | Mockito | react-testing-library | Cypress | Playwright | SASS | Bootstrap | Styled-components | Tailwind CSS | CSS Module | Figma | Git | AWS | Firebase | REST APIs | UI/UX | Responsive Design | Problem-Solving HTML | CSS

Achievements

- I have instructed a formal course in the front-end development field ([course link](#)).
 - Participate in The 2022 ICPC Jordanian Collegiate Programming Contest ([certificate](#)).
 - Participate in The 2022 ICPC Africa & Arab Collegiate Programming Championship ([certificate](#)).
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Certificates

- AWS Certified Developer - Associate 57+ AWS Services ([certificate](#)) (12/2024).
 - Node.js, Express, MongoDB & More: The Complete Bootcamp, 42 hours ([certificate](#)) (10/2023).
 - Master the Coding Interview: Data Structures + Algorithms, 20 hours ([certificate](#)) (06/2023).
 - Build Web Apps with React & Firebase, 24 hours ([certificate](#)) (07/2022).
 - The Complete JavaScript Course, 69 hours ([certificate](#)) (01/2022).
 - Advanced CSS and Sass, 28 hours ([certificate](#)) (07/2021).
 - Web Design for Web Developers (02/2021).
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Projects

Qarora: A Scalable Website with Top-Notch Performance [website link](#)

- **Built a website** using (ISR) technique ready to scale for **millions of pages** with a top-notch performance **scoring 100%** on lighthouse using **next.js**.
- **Built an Admin panel** using (SSR) technique allowing the admin to manage the website easily.
- **Employing Git and GitHub best practices, Agile methodology, and OKRs** for effective project management.
- **Implementing SEO techniques**, optimization, and dynamic metadata for improved SEO performance.

Bookie: An E-commerce website for selling books [website](#) | [source code](#)

- Bookie is a modern e-commerce platform designed exclusively for book lovers.
- I have built it using **TypeScript, React, Next, Redux, SASS, Sanity, and Firebase**.
- It is dynamic and easy to use with **headless CMS** and **Google Analytics**, also it is **Mobile Responsive**.

Reddit Clone: A Fully functional Reddit Clone [website](#) | [source code](#)

- A fully functional Reddit clone built with the latest technology in the web development field.
- I have built it using **Typescript, React.js, Next.js, Styled-components, Recoil.js, and Firebase**.
- Community creation, moderation, post creation, deletion, voting, and commenting on posts.
- **Mobile responsiveness** and **Google Analytics** tracking.

Visit My Portfolio website for more Projects [website](#) | [source code](#)

Languages

Arabic – Native, English – C1