

Osama Alasmar

Full-stack developer

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📍 Amman, Jordan

🌐 LinkedIn

About Me

Computer science professional with expertise in full-stack web development, Software as a Service (SaaS) solutions, and cloud computing. Contributed to a team project in collaboration with the National Cybersecurity Center (NCSC), developing a full-stack website for testing security vulnerabilities. Skilled in designing and implementing scalable web applications, optimizing user experiences, and integrating cloud-based technologies. Proven ability to work in collaborative environments and deliver high-quality solutions tailored to project requirements. Passionate about creating innovative software that drives efficiency and enhances functionality.

Skills

Frameworks, Libraries and Tools

- NextJS
- NodeJS
- ReactJS
- Tailwind CSS
- MongoDB
- PostgreSQL
- ORM (Drizzle)
- ODM (Mongoose)

Languages

- Arabic
- German
- English

Experiences

Full-stack developer, Suwa

05/2026 – Present

- Developed frontend and backend features for multiple web applications using modern JavaScript technologies.
- Built interactive map and timeline components, improving data visualization and user experience.
- Implemented backend services for an AI-powered storytelling platform, integrating generative AI capabilities.
- Designed prompt engineering and validation logic to reduce AI hallucinations and ensure consistent story generation.
- Developed text-processing algorithms for mathematical content replacement in AI-generated stories.
- Collaborated with senior engineers to deliver new features, resolve bugs, and improve application performance.

Cloud Computing Intern, KaiZen365

07/2024 – 09/2024 | Amman, Jordan

- Configured IMAP/POP3 protocols and managed Hyper-V virtual machines.
- Administered Active Directory and Domain Controllers.
- Implemented backups using ALTARO and Veritas.

Social Media Agent, Extensya

07/2022 – 04/2023 | Amman, Jordan

Noon

- tracking orders and cancel orders
- return requests and warranty claims
- manage customer's account
- raising tickets regarding customer's complaints

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- return orders and replace them
- check on the refund status
- solve technical issues

Education

Computer Science, Al Albayt University

2021 – 2025 | Mafraq, Jordan

Projects

Carrilero

Carrilero: a Wordle-style football puzzle game where players connect two footballers by chaining overlapping players; the objective is to find the shortest connection with the fewest hops. Modelled players as graph nodes and overlaps as edges; implemented breadth-first search (BFS) to compute shortest paths between players.

Replix

Replix is an AI-powered customer support platform that helps businesses manage and automate conversations across Facebook, Instagram, and WhatsApp. The platform lets users connect accounts, fine-tune a custom AI model using their own data, and define a unique tone of voice for their brand. The system was designed using a microservices architecture to improve scalability, maintainability, and independent deployment of features. Core services include message ingestion, AI model inference, integrations, user management, and analytics. Services communicate through RESTful APIs and asynchronous messaging and are deployed in containers with orchestration to enable automated scaling and resilience.