

Mustafa Alsheikh

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Experience

Independent Software Engineer & Solopreneur Nov • 2023 - present

- Built a cross-platform **cryptocurrency management** application enabling unified wallet management across multiple exchanges.
- Developed and published a browser extension suite featuring **20+ professional developer tools** for Chrome and Firefox.
- Built an enterprise-grade SaaS platform using modern tech stack:
 - Implemented **full-stack architecture** using Next.js, FastAPI, and AWS services (Amplify, AppRunner, DynamoDB, S3).
 - Integrated Auth0 **authentication** and Paddle **payment** processing systems.
 - Developed advanced features including **custom trading indicator** creation and multi-asset backtesting for stocks, crypto, and NFTs.

Software Development Engineer (L4) @ [Amazon](#) | Jordan | Aug • 2022 - Oct • 2023

- Led the enhancement of Exchange program control portal, enabling cross-team collaboration and expanding program reach from **1 to 4 marketplaces**, and redesigned the portal expanding process, resulting in **90% efficiency improvement**.
- Collaborated with multiple teams to scale program operations and improve system architecture.

Software Developer - Java Backend @ [UniTicker](#) | Jordan | Aug • 2021 - Aug • 2022

- Spearheaded infrastructure optimization, **reducing server RAM usage by 71%** (from 350+ GB to <100 GB) and optimizing AWS resource utilization.
 - Revolutionized data streaming performance by reducing processing delay from **4+ hours to under 5 seconds**.
 - Refactored market data processing structures, enhancing **the core functionality of the company's codebase** and improving system performance and maintainability.
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Skills

Java, AWS, FastAPI, Next.js, Paddle, Git, Tailwind CSS, Daisy UI, Flutter, jQuery, Figma

Education

BSc • Computer Science | University of Jordan | Jordan | 2017 - 2021

- GPA: **3.66/4**
- Solved **1,000+** competitive programming problems on **Codeforces** and **Leetcode**.
- Active contributor to programming competitions as participant, problem writer, judge, and trainer.