

MOHAMMAD ABDULLA

SOFTWARE ENGINEER

Profile

I'm a **Software Engineer and AWS Solutions Architect** with experience in healthcare systems and smart shopping carts. I specialize in building secure, scalable cloud solutions on AWS, and I'm driven by a passion for innovation and continuous learning. I've worked with technologies like **React, Angular, Node.js, Python**, to solve complex problems and deliver impactful results.

For more info, check my website below:

<https://mohammadabdalla.github.io/portfolio/>

Experience

August 2024 - Present

Syarah

Software Engineer, Amman

Building cars auction system & API as service with python.

Designing a loosely coupled micro-service infrastructure on AWS deployed with elastic kubernetes service.

2023 - July 2024 Wowly

Software Engineer, Team Lead, Amman

WOWLY is an Amazon Go-like project where customers in shopping malls can start and finish shopping using a smart trolley, including checkout. As the team lead, I was responsible for designing and architecting a comprehensive smart POS solution. This solution includes an admin panel with multi-level permissions and roles, analytics dashboards, a POS system integrated directly into the cart, Visa machine integration, and a robust data synchronization feature.

Additionally, I led the implementation of CI/CD pipelines using GitHub Actions to ensure smooth and continuous product delivery on a scalable AWS infrastructure.

Interests

Kali Linux & Penetration Testing

I'm not a PenTester nor a kali linux wizard, but I'm really interested in professionally exploiting vulnerabilities of a computer system.

Skills

Frontend

Angular

React

CSS & CSS frameworks

Backend

Python/Django

Nodejs/Express

Nosql (Mongo)

SQL(mysql/postgresql)

ORM (SEQUELIZE)

Cloud

AWS Solutions Architect, worked with various AWS services like: IAM, CloudFront, S3, ECS, EKS, EC2, RDS. VPC, and many more.

Containerization & Orchestration

Deployed and managed containerized apps with docker and kubernetes on-premises and on cloud using ECS & EKS

Programming Languages

Python

Javascript

Typescript

Java (To keep/update my knowledge in OOP)

Clean Code & SOLID Principles

Writing clean, maintainable code and applying SOLID principles for scalable software architecture.

2020 - 2023

Nixpend

Software Engineer, Amman

At Nixpend, I worked on developing a healthcare application integrated with an ERP system to manage patient and practitioner procedures, insurance, and accounting. I secured this full-time position during my second year at university, which gave me the opportunity to contribute early on to the system's improvement. I enhanced efficiency, optimized data management, and implemented tools and scripts to automate tasks, saving significant time for my colleagues.

Education

2017 - 2021

Computer Systems And Networks Engineering

Al-balqa Applied University, Alzarqa

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2016 - 2017

AL-naphees High school

alnapees, amman

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Volunteering

Member of CNE | BAU University

During the university i joined the CNE where we helped other computer engineering students in the studying curriculums as well as guiding students in their freshman year and other activities.

Contact

🏠 Amman

☎ +962792876980

✉ mohammadabdulla523@gmail.com

🌐 <https://mohammadabdalla.github.io/portfolio/>

in <https://www.linkedin.com/in/mohammad-abdulla-0b47581b6/>

🔗 <https://github.com/mohammadabdalla>