MOHAMMAD ABDULLA
SOFTWARE ENGINEER

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.

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/

Skills

Frontend
Angular
React
CSS & CSS frameworks

Backned
Python/Django
Nodejs/Express
Nosql (Mongo)
SQL(mysql/postgresql)
ORM (SEQUELIZE)

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

Linux & Containerization
Deployed and managed SQL databases, with expertise in running containerized applications using Docker on Linux platforms.

Programming Languages
Python
Javascript
Typescript
Java (Only basics to help me understand OOP)

Clean Code & SOLID Principles
Writing clean, maintainable code and applying SOLID principles for scalable software architecture.

Experience

2024 - Present
Neorx
Software Engineer, **Amman**
Building a healthcare management product & API as service**.**
Designing a tightly coupled micro-service infrastructure on AWS.
Implemeted backend concepts like **Caching, queuing, scaling.**

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.

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
alnaphees, 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

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