MOHAMMAD ABDULLA

SOFTWARE ENGINEER

Profile

I'm a resourceful Software Engineer and AWS Solutions Architect with hands-on experience in healthcare systems and smart shopping carts. I thrive on solving complex problems and enjoy creating secure, scalable software solutions, particularly in cloud-based architectures on AWS. I'm driven by a passion for innovation and a commitment to continuous learning, allowing me to make a real impact and stay ahead in today's fast-changing tech world.

For more info, check my website below:
https://mohammadabdalla.github.io/portfolio/

Experience

2023 - Present

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

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. VPS, 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

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
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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