# 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**, and more 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)

## Experience

**2024 - Present**

**Neorx**
**Software Engineer**, **Amman**
Building a healthcare management product & API as service**.**
**Architecting 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.

**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.

**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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