

Abdelrhman Muhamed

Full-Stack Web Developer

Certified From NTI

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[GitHub](#) — [LinkedIn](#) — [Portfolio](#)

4Professional Summary

Innovative and detail-oriented Full-Stack Web Developer with strong experience in front-end and back-end development using Angular, React, Flask, Node.js, Python (core), Django, PHP, Larvel . Skilled in building scalable and secure web applications with a keen focus on performance, real-time communication, and seamless UI/UX. Passionate about learning and applying best security practices and automation techniques.

4Key Competencies

- **Languages:** HTML, CSS, JavaScript, Node.js, TypeScript, C++ , PHP, Python, SQL, Bash
- **Design Principles:** OOP, SOLID, Design Patterns (MVVM, MVC)
- **Front-End:** Angular (v19+), React, HTML5, CSS5, Bootstrap, Tailwind, Flask
- **Back-End:** Node.js, Express, Python Core, Django, PHP Native, NestJS, REST APIs, WebSocket
- **DevOps:** Docker, Kubernetes, CI/CD
- **Cloud:** AWS, Google, CloudFirestore
- **Virtualization:** Hyper-v, Vm-Ware
- **Databases:** SQL, NoSQL
- **Version Control:** Git, GitHub
- **Security:** OAuth, JWT, PortSwigger Labs, eWAPT, eJPT
- **Soft Skills:** Problem-Solving, Team Collaboration, Adaptability, Self-learning
- **Languages:** Arabic (Native), English (Fluent), German (Intermediate)

4Projects

Full Real-time Chat App (Node.js + Angular)

- Developed a chat application using WebSocket with Node.js and TypeScript (OOP, modules, type libraries)
- Built frontend using Angular (Component-based, OOP)
- Maintained single-repo architecture for streamlined development
- [Live Demo](#)

Full E-Commerce Web App (Angular + Node.js + MongoDB)

- Built a full single-page application with dynamic dashboard and cart system
- Backend RESTful APIs with secure auth (JWT + OAuth)
- MongoDB used for storage; MVC pattern implemented
- Applied security and performance optimization techniques
- [Code](#)

4Courses & Certifications

- **WebSocket Communications with Node and Angular** – LinkedIn Learning [View](#)
- **MEAN-STACK Developer NTI** [View](#)
- **Node.js** (Express/NestJS, Mongoose, Sequelize) – LinkedIn Learning [View](#) [View](#)
- **DevOps** Docker, Kubernetes, CI/CD, GitHub Actions
- **Cloud** AWS, Google, CloudFirestore
- **Frameworks** Flask, Django, NestJS, Express.js, FastAPI, laravel
- **Security** OAuth, JWT, OWASP
- **APIs** RESTful APIs, GraphQL APIs
- **React** – Dave Gray, LinkedIn Learning
- **Git & GitHub** – Version control, workflows
- **Linux & Bash Scripting** – Automation and scripting tasks [View](#)
- **PHP (Native) & MySQL** – Full-stack app development
- **Web Development** – HTML, CSS, JavaScript fundamentals
- **C++ Programming Fundamentals** – Algorithmic problem-solving
- **PortSwigger Labs** – Web security and exploitation
- **eWAPT** – Web Application Penetration Tester
- **eJPT** – Junior Penetration Tester
- **CompTIA Network+** – Networking and troubleshooting [View](#)

4Education

NTI - National Telecommunication Institute

- MEAN-Stack and Full-Web Application Developer
- Graduated: Jan 2025

Bachelor of Systems and Computer Engineering

- Faculty of Engineering, Al-Azhar University
- Graduated: 2024