

Abdelrhman Muhamed

Full-Stack Web Developer

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

Professional Summary

Innovative and detail-oriented Full-Stack Web Developer with strong experience in front-end and back-end development using Angular, Node.js, React, Python, and PHP. 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.

Key Competencies

- **Languages:** HTML, CSS, JavaScript, Node.js, TypeScript, C++, PHP, Python, SQL, Bash
- **Design Principles:** OOP, 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
- **Databases:** MongoDB, MySQL
- **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)

Projects

Full Social Media App

Tech Stack: Angular, Angular 20+, Node.js in TS, Express.js, WebSockets, MongoDB (Mongoose), JWT, Google OAuth2.0

Description:

a dynamic, real-time social media web application built with the MEAN stack (MongoDB, Express.js, Angular, Node.js). Designed for seamless communication and user engagement, SocialApp offers a modern social networking experience with core features .

Core Features:

- Live Notifications and user activity tracking
- Online / Offline Status Monitoring tracking
- Read / Unread Message System
- Friend Requests User Connections
- Post Creation, Likes, and Comments

Architecture & Performance:

- Modular, feature-based Angular architecture with lazy-loaded modules
- RESTful API with Express.js and custom middleware stack

- RxJS for state management and reactive programming
- Comprehensive error handling and form validation

Security Measures:

- JWT and OAuth2.0 authentication, session management
- CORS, XSS, CSRF protection and input sanitization
- Rate limiting and role-based route protection

Deployment & DevOps:

- CI/CD with GitHub Actions and Docker containerization
- Hosted on Railway.app with environment variable management

[Live Demo](#)

Full E-Commerce Web App (Angular + Node.js + JWT + Google OAuth-2.0 + MongoDB + ExpressJS)

Tech Stack: Angular, Angular Material, GSAP, Node.js, Express.js, MongoDB (Mongoose), JWT, Google OAuth2.0

Core Features:

- Responsive design with mobile-first approach and Material Design
- Real-time cart updates, dynamic product catalog, and order tracking
- Secure JWT and Google OAuth2.0 authentication with role-based access
- Admin dashboard with analytics and print-ready order invoices

Architecture & Performance:

- Modular, feature-based Angular architecture with lazy-loaded modules
- RESTful API with Express.js and custom middleware stack
- RxJS for state management and reactive programming
- Comprehensive error handling and form validation

Security Measures:

- JWT and OAuth2.0 authentication, session management
- CORS, XSS, CSRF protection and input sanitization
- Rate limiting and role-based route protection

Deployment & DevOps:

- CI/CD with GitHub Actions and Docker containerization
- Hosted on Railway.app with environment variable management

- **Try The admin Cerdintionals To See The Admin Dash Board**
admin@ceo.apdo 123456789 [Live Demo](#)

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](#)

Portfolios (ReactJS-Native(HTML,CSS5,Vanilla-JS)))

Business Portfolio -REACTJS

Designed and developed a responsive, multi-language portfolio website to showcase projects and skills. Built with HTML, CSS, JavaScript, and GSAP for animation. Features include dark/light mode toggling, smooth scrolling, and interactive project previews.

Prot3D – 3D-Style Portfolio

3D-Animated-Native

A visually immersive, 3D-styled developer portfolio crafted with creative transitions and modern UI patterns. Utilizes CSS 3D transforms, parallax effects, and a bold design approach to reflect innovative front-end thinking.

ProtofolioSimple – Minimalist Portfolio Concept

ProtofolioSimple Demo

A minimalistic portfolio experiment focused on performance and clarity. Built with plain HTML and CSS to showcase personal branding and navigation simplicity with ultra-lightweight assets.

Courses & Certifications

- MEAN-Stack and Full-Web Application Developer –[National-Telecommunication-Institute](#)
- WebSocket Communications with Node and Angular –[LinkedIn Learning](#)
- CompTIA Networks –[Networks Fundamentals](#)
- Implementation of Computer Network Fundamentals –[Networks](#)
- python programming –[PythonCore](#) - Elzero - LinkedIn Learning
- Red Hat System Administration I –[Linux-Bash scripting](#)
- Web-Security Ethical Hacking –[E-JPT](#)
- React – Dave Gray, LinkedIn Learning (Self)
- Git & GitHub – Version control, workflows (Self)
- Linux & Bash Scripting – Automation and scripting tasks (Self)
- PHP (Native) & MySQL – Full-stack app development (Self)
- Web Development – HTML, CSS, JavaScript fundamentals (Self)
- C++ Programming Fundamentals – Algorithmic problem-solving (Self)
- PortSwigger Labs – Web security and exploitation (Self)

Education

NTI - National Telecommunication Institute

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