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-Natvie(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 - LinkedInLearnning

- **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

Bachelor of Systems and Computer Engineering

- Faculty of Engineering, Al-Azhar University

- Graduated: 2024