

Abdelrahman Mohamed

Software Engineer

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[Portfolio](#) | [LinkedIn](#) | [Github](#)

Summary

Full-Stack Computer Engineering graduate with experience building responsive, high-performance web applications using **React.js**, **Next.js**, and **TypeScript**.

Proficient in integrating **RESTful APIs** and developing scalable **back-end services** with **Node.js** and **Java**.

Skilled in state management with Context API, React Query, and Redux Toolkit, writing clean and maintainable code.

Motivated problem-solver focused on reliable products, modern **UI/UX**, and continuous learning.

Work Experience

Software Developer – [RE/MAX Wise](#) – Lisbon, Portugal (Erasmus+ Internship)

Sep 2025 – Nov 2025

- Built and improved multi-site real estate platforms (Algarve, Lisbon, 5 Steps) using Next.js, TypeScript, Tailwind, Supabase, and Vercel.
- Implemented dynamic routing, SEO-safe metadata, unified layouts, reusable UI components, and internal linking strategies.
- Enhanced accessibility, performance, and deployment stability across all platforms.

Technical Support Engineer – [AFAQY](#) – Riyadh, Saudi Arabia

Jul 2024 – Sep 2024

- Supported fleet systems and 650+ GPS devices with troubleshooting and diagnostics.
- Developed dashboards and automated reports using Next.js, Supabase, and Node.js.
- Improved reliability by identifying device issues early and assisting field teams.
- Prepared clear documentation and training materials for operations teams.

WordPress Developer Intern – [NFS Soft](#) – Erzurum, Türkiye

Sep 2022 – June 2023

- Built multilingual WordPress themes and improved mobile responsiveness.
- Implemented custom templates, optimized performance, and enhanced accessibility.
- Managed hosting tasks with cPanel and assisted with PHP customizations.

Projects

ErzurumŞikayet – City Complaint & Review Platform

Live: [ErzurumŞikayet](#)

- Developed the full-stack complaint and review platform with user, company, and admin dashboards.
- Built multi-step complaint flow, company registration system, category filters, and real-time stats.
- Deployed and maintained the platform on cPanel with GitHub tracking and production fixes.

Tech: Laravel (PHP), Blade, MySQL, Tailwind CSS, Alpine.js, cPanel

Real Estate Funnels & Multi-Site Platform

Live: [Algarve](#) | [Lisbon](#) | [5 Steps](#)

- Built and improved the Algarve, Lisbon, and 5 Steps real-estate platforms during my Erasmus+ internship.
- Delivered dynamic News routing, unified layouts, SEO-safe metadata, reusable UI components, and shared design patterns. Contributed to accessibility, internal linking, performance, and stable Supabase/Vercel deployments across all sites.

Tech: Next.js, TypeScript, Tailwind, Supabase, Vercel

TrustedBuildr.pt – Verified Construction Marketplace

[Github](#) | [TrustedBuildr](#)

- Built a bilingual marketplace for verified developers, land listings, and construction projects.
- Implemented advanced SEO (sitemaps, JSON-LD, canonical/hreflang), mobile-first UI, and structured DB schema.
- Prepared architecture for future AI verification and blockchain escrow integration.

Tech: Next.js 15, TypeScript, Tailwind CSS, Supabase Postgres, next-intl, Leaflet

EventSys – Event Management System

[GitHub](#)

- Built a complete event platform with live weather, ticket purchase, recommendations, and user auth.
- Created admin panel for managing events and announcements.
- Designed backend with MongoDB models, secure JWT workflow, and deployed FE+BE services.

Tech: React, Node.js, Express, MongoDB, JWT, OpenWeather API

YOLOv8 Real-Time Object Detection System

[GitHub](#)

- Developed a real-time YOLOv8 object detection system (~30 FPS) with WebRTC live camera support.
- Built a Streamlit interface with Live Detection and Analytics (FPS, confidence metrics).
- Integrated optimized YOLOv8n model with automatic hardware detection and performance tuning.
- Structured the project for dataset work, fine-tuning, and future cloud/mobile deployment.

Tech: Python, YOLOv8, PyTorch, Streamlit, OpenCV

Library Management System – Desktop App

[GitHub](#)

- Developed full library automation system for books, students, issuing, returning, and reporting.
- Designed SQL Server database with stored procedures, triggers, functions, and views.
- Implemented rules preventing negative stock, blocking deletion of active borrowers, and auto-updating book status.
- Delivered full Visual Studio solution with .bak backup, schema script, ER diagram, and documentation.

Tech: C# Windows Forms, SQL Server, T-SQL (stored procedures, triggers, functions)

Education

Bachelor's Degree in Computer Engineering

Atatürk University, Türkiye — Graduated: June 2026

Full-Stack Software Engineer Diploma

ALX, Remote — October 2023 to November 2024

Technical skills

Front-End Development: React.js, Next.js 14/15, TypeScript, JavaScript (ES6+), Tailwind CSS, React Query, Context API, Redux Toolkit, HTML5, CSS3

Back-End Development: Node.js, Express.js, Java (Spring Boot), RESTful APIs, Supabase (Postgres), MongoDB, MySQL, PHP (Laravel basics)

Cloud & DevOps: Vercel, Supabase, cPanel, Docker (basics), GitHub Actions, CI/CD

Databases: PostgreSQL, MongoDB, SQL Server (T-SQL procedures, triggers, functions), MySQL

Tools: Git, GitHub, Figma, Postman, VS Code, Unity (C#), next-intl, Leaflet

Additional: SEO fundamentals, performance optimization, responsive design, accessibility, debugging & testing workflows

Languages

Arabic: Native

English: C1 (Advanced)

Turkish: C1 (Advanced)