

Mohamed Beshir

Full Stack Software Engineer

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SUMMARY

Full Stack Software Engineer with 2+ years of experience building scalable, high-performance web applications from concept to deployment. Experienced in developing SaaS platforms, RESTful APIs, and enterprise-grade systems. Strong expertise in backend development with Laravel (PHP), ASP.NET Core (.NET), and Python (FastAPI), along with frontend development using React and cross-platform mobile development with Flutter. Skilled in designing scalable architectures, optimizing application performance, and working with relational and NoSQL databases, including PostgreSQL, SQL Server, MySQL, and MongoDB. Passionate about writing clean, maintainable code and delivering reliable, scalable software solutions.

Education

Benha University—Faculty of Computer and Artificial intelligence

Sep 2020 – Jul 2024

Bachelor's degree in computer science

- Studied with a CGPA of 3.2 & completed a graduation project rated Excellent, focused on utilizing Virtual Reality (VR) technology to support therapy for children with Cerebral Palsy.

Full Stack Web Development using Dot Net-ITI (Summer Training)

July 2023 – Sep 2023

- Developed backend server applications using C# and different features of the .NET stack, including MVC, Web API, and .NET Core, ensuring secure and scalable solutions

Experience

Mentora X (Meldovain company)

Jan 2026 – Jun 2026

Full Stack Software Engineer(Part Time-Remotely)

- Developed and maintained scalable enterprise applications using **ASP.NET Core (.NET)** for backend services and **React** for modern, responsive user interfaces.
- Designed and implemented RESTful APIs, business logic, authentication, and database integrations while following clean architecture and best practices.
- Collaborated with cross-functional teams to deliver complex features, analytics dashboards, and multi-module enterprise solutions.

ART Click (International Company – SA & UK & EGYPT)

March 2025- Present

Full Stack Developer (Full Time-Hybrid)

- Developed and maintained full-stack web applications, handling both backend and frontend development.
Built and optimized APIs, databases, and server-side logic to ensure scalable and high-performance systems.
- Implemented responsive UI components and improved user experience across different devices

Extend IT Solutions

Sept 2024 – Jan 2025

Full Stack Software Engineer(Part time-Remotely)

- Built full systems using modern frontend tools and backend APIs
- Implemented secure APIs and optimized database operations
- Developed interactive dashboards and integrations

Smart Code – System and Administrative Solutions

Jan 2024 – July2024

Software Engineer (Full Time)

- Optimized enterprise systems performance and reduced latency
- Implemented testing practices improving code quality
- Delivered production features with cross-team collaboration

Projects

Baya3 – POS solution – SaaS

Apr 2024 - Present

►Demo click to try [User: admin | Pass: admin]

- Designed a full POS solution with inventory, sales, reports, promotions, and loyalty program.
- Developed a centralized settings module managing all system configurations via dynamic APIs.
- Built a secure Windows launcher in Rust with encryption, hardware-based activation, auto backup, and anti-debug protection (For offline usage).

El-Beshir for Center & Teacher Management -SaaS

Dec 2024- Present

►Demo [User: admin | Pass: admin]

- Designed a full-featured educational management system covering enrollment, attendance, classes, payments, inventory, exams, and financial reporting.
- Developed a smart barcode-based attendance module with automated tracking, real-time insights, and session-linked payment processing.
- Integrated WhatsApp API for automated notifications, result sharing and student tracking

El-Beshir Erp System(Exclusive Factory)

July 2025 – Present

►Demo [User: admin | Pass: admin]

- Designed a comprehensive ERP solution with manufacturing management, inventory control, sales & purchases, attendance tracking, payroll, and financial reporting.
- Developed an advanced manufacturing system with Material Requirements Planning (MRP), capacity planning, Bill of Materials (BOM), production cost tracking, and order monitoring.
- Built an intelligent attendance system integrated with ZKTeco devices, featuring bonus hours calculation, automatic checkout on Thursdays.

Cash Flow for VF-Stores

Jan 2023 – Present

►Demo

- Designed a cash flow management system with transaction tracking, limits, and reporting.
- Built real-time monitoring with automated reconciliation and Excel export.
- Added alerts for expiring lines and low balances.

AYADINA

►Play store

- Developed a handmade crafts marketplace mobile app with authentication, ads management, advanced search, image compression, offline caching, real-time comments and seamless sync
- Designed a RESTful API with JWT auth, optimized MongoDB, full CRUD operations, secure file handling, admin dashboard, and performance optimization via compression.

IGP(KSA)

Mar 2026

►App Store

- Developed a scalable event booking platform for the Saudi market using ASP.NET Core (.NET), consisting of Customer, Service Provider, and Manager mobile applications, along with a comprehensive Admin Dashboard.
Developed a comprehensive event booking platform for the Saudi market, consisting of three applications (Customer, Service Provider, and Manager) along with a web-based Admin Dashboard.
- Built and maintained RESTful APIs, authentication, role-based access, booking management, payment integration, notifications, reporting, and database optimization while ensuring high performance, scalability, and clean architecture.