

Mohammad Mahdi Al Khansa

Full Stack Web Developer

mohammadmahdialkhansa@gmail.com | +961-76-760-579 | Beirut, Lebanon | LinkedIn: www.linkedin.com/in/mhmd-mahdi-al-khansa-009112231/ | GitHub: github.com/MOHAMMADMAHDIALKHANSA

PROFESSIONAL SUMMARY

Full Stack Web Developer experienced in Java Spring Boot WebFlux, Project Reactor, .NET, React, Next.js, MongoDB, SQL Server, REST APIs, authentication, RBAC, payments, dashboards, and deployment. Built e-commerce, appointment scheduling, marketing, and data analysis systems with production-ready workflows.

TECHNICAL SKILLS

Languages: Java, C#, Python, JavaScript, TypeScript, HTML, CSS, SQL, C++
Backend: Spring Boot, Spring WebFlux, Project Reactor, ASP.NET Core, ASP.NET MVC, Razor Pages, Flask, REST APIs
Frontend: Next.js 15, React, TypeScript, MUI, Bootstrap, responsive UI
Databases: MongoDB, Reactive MongoDB, Spring Data MongoDB, SQL Server, MySQL, PostgreSQL
Security & Integrations: JWT, HttpOnly Cookies, RBAC, Google OAuth2, Stripe, Whish Money, COD, Web Push, SSE, SMTP
Tools & Deployment: Git, GitHub, Jira, Docker, Docker Compose, Caddy, Maven, Visual Studio, VS Code

WORK EXPERIENCE

InventoPlus - Java Spring Boot Reactive Developer 2025 - Present

- Built reactive backend services with Spring Boot WebFlux and Project Reactor across 3 core layers: REST controllers, service logic, and reactive MongoDB persistence.
- Implemented MongoDB persistence using Spring Data MongoDB with document modeling, indexes, and non-blocking CRUD workflows for scalable API performance.
- Designed and delivered secure non-blocking REST APIs with validation, DTO-based responses, and reactive service pipelines to improve maintainability and responsiveness.

PROJECTS

Dbouk Home - Full Stack E-Commerce Platform
Technologies: Java 21, Spring Boot 3, Spring WebFlux, Project Reactor, Reactive MongoDB, JWT, Google OAuth2, Next.js 15, TypeScript, Stripe, Whish Money, Cash on Delivery, Web Push, SSE, JavaMailSender, Telegram Bot API, Docker, Docker Compose, Caddy, Maven

- Built a production-ready Lebanese home-goods e-commerce platform with 2 main applications: a customer shopping website and an admin management dashboard.
- Delivered 10+ modules including product catalog, cart, checkout, orders, tracking, delivery zones, reviews, support tickets, expenses, notifications, and admin broadcasts.
- Developed a reactive Spring WebFlux backend with Reactive MongoDB repositories, validation, secure API endpoints, JWT authentication, Google OAuth2 login, and role-based access control.
- Integrated 3 payment and fulfillment flows: Stripe card payments, Whish Money manual verification, and Cash on Delivery/pickup order workflows with admin payment verification.
- Prepared a VPS-ready deployment stack using Docker Compose, MongoDB 7, Caddy automatic HTTPS, environment variables, database seeding, and production configuration.

Appointment Management System - Full Stack Web Application
Technologies: .NET 8 Web API, Clean Architecture, CQRS, MediatR, AutoMapper, SQL Server, React, TypeScript, MUI, Axios, JWT, HttpOnly Cookies

- Built an appointment scheduling platform for 3 user roles: Admins, Secretaries, and Doctors, with secure authentication and authorization workflows.
- Implemented JWT authentication, RBAC, calendar booking flows, appointment export features, and validation rules to prevent overlapping appointments and past-date bookings.
- Backend: github.com/MOHAMMADMAHDIALKHANSA/appointment-backend | Frontend: github.com/MOHAMMADMAHDIALKHANSA/appointment-frontend

PromoFusion - Marketing Hub Website
Technologies: HTML, CSS, JavaScript, Bootstrap, ASP.NET MVC Core 8, MySQL

- Developed a responsive marketing hub connecting customers with marketing agencies, with database-driven workflows for customer and agency data management.
- GitHub: github.com/MOHAMMADMAHDIALKHANSA/PromoFusion

DGPADMENTIS - Article Scraper and Analysis API
Technologies: Python, Flask, MongoDB, TextBlob, Stanza, NLTK, Data Visualization

- Scraped and stored 12k+ news articles, then performed sentiment analysis, named entity recognition, dataset cleaning, and reporting-ready data preparation.
- Built Flask API endpoints for querying, filtering, trend analysis, and visual reporting. GitHub: github.com/MOHAMMADMAHDIALKHANSA/DgPad-Bootcamp

EDUCATION

Master's Degree in Computer Science - Lebanese University Pursuing

Bachelor of Computer Science 2021 - 2024

GPA: 3.98

LANGUAGES

Arabic: Native | English: Advanced