

Mahdi Al Sabeh

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EDUCATION

Antonine University | Baabda, Lebanon *Bachelor of Computer Science*, GPA: 3.2/4.0 Sep. 2022 – June 2025

Lebanese University | Beirut, Lebanon *Master 1 in informatics*, GPA: 3.2/4.0 Sep. 2025 – June 2026

PROFESSIONAL EXPERIENCE

Web Development Intern, IDS

Beirut, Lebanon June. 2025 – July 2025

- Built a **Meeting Room Booking & Minutes Management System** using **Laravel (API), React.js, and MySQL**, featuring:
 - Room scheduling with conflict prevention, calendar views and a map showcasing rooms that can be reserved on every floor.
 - Sanctum-authenticated user roles (Admin/Employee/Guest) and admin panel.
 - MoM (Minutes of Meeting) module with action item tracking and PDF summaries.
- Optimized database queries and API integrations for improved performance.

Web Development Intern, Vanrise

Baabda, Lebanon Apr. 2025 – June 2025

- Developed RESTful APIs for a reservation system using .NET and SQL Server, ensuring reliable and secure data management
- Designed and implemented responsive front-end pages with AngularJS, seamlessly integrating them with the .NET backend for dynamic data interaction.
- Optimized database operations by creating and utilizing stored procedures to improve performance and maintainability.

PROJECTS

DocuGov+ – Express.js, React Native, React.js, Node.js, PostgreSQL

Full-stack mobile and web platform enabling Lebanese citizens to apply for governmental documents remotely through local Mukhtars. The system digitizes document submission, verification, tracking, and approval workflows.

- Designed and implemented secure role-based authentication using JWT and email verification for citizens and Mukhtars.
- Built a RESTful Express.js API to manage users, applications, approvals, and document workflows, backed by PostgreSQL.
- Developed a React Native mobile app with dark mode and bilingual support, and a React.js admin dashboard for application and Mukhtar management.
- Integrated AI-based document verification, including image/text validation using Google Gemini and facial verification using a DeepFace model.
- Implemented Azure Blob Storage for secure document storage and push notifications for real-time application status updates.
- Added advanced features such as appointment scheduling with mobile calendar integration, Google Maps-based Mukhtar selection, QR code scanning for physical document retrieval, automated document image generation, and Stripe payment processing.

Beep Beep – Laravel, Bootstrap, PHP, MySQL

Full-stack delivery management platform enabling customers to create and track deliveries while allowing drivers and administrators to manage delivery workflows efficiently.

- Designed and implemented RESTful APIs for users, orders, delivery statuses, and driver management.
- Built secure multi-role authentication (admin, driver, customer) using JWT and Google OAuth.
- Developed an admin dashboard to approve and manage drivers, oversee delivery requests and orders, configure loyalty programs, and generate operational reports.
- Implemented a responsive web interface featuring live order tracking, OTP-based sign-in, real-time chat between drivers and customers, and automatic driver assignment based on location and availability.
- Integrated multi-payment support (cash, Stripe, cryptocurrency) with real-time multi-currency conversion and push notifications for delivery status updates.

IT Asset Management & AI Assistant – Angular 19, Django, MySQL, Gemini SDK, n8n, Python

Full-stack IT asset tracking platform featuring an interactive LLM database assistant and automated receipt processing workflows.

- Developed a relational asset-tracking system using Django (DRF) and MySQL to manage hardware inventories, categories, employee directories, and active or historical allocations.
- Integrated a Gemini-powered AI Chat Assistant using FastMCP (Model Context Protocol), allowing administrators to query real-time system statistics and search assets safely using natural language.
- Built an automated expense-tracking workflow that processes invoice image uploads via a Django multi-part parser and forwards them to an n8n webhook for automated AI processing.
- Designed a responsive Angular 19 interface featuring standalone components, separate admin/employee dashboard portals, and RxJS-driven state management for seamless asynchronous operations.

KEY SKILLS

- **Languages:** Java, C++, C#, Python, JavaScript, PHP

- **Frontend:** HTML, CSS, React, Angular, React Native
- **Backend:** Node.js (Express), Laravel, ASP.NET, GraphQL
- **Databases:** PostgreSQL, MySQL, SQL Server, MongoDB, Redis
- **Cloud & DevOps:** Azure, AWS (S3, Elastic Beanstalk), GCP, Docker
- **Tools & Practices:** Git/GitHub, REST APIs, Agile, MVC, Postman, Figma