

Mahdi Al Sabeh

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EDUCATION

Antonine University | Baabda, Lebanon *Bachelor of Computer Science, GPA: 3.1/4.0* Sep. 2022 – June 2025

Lebanese University | Beirut, Lebanon *Master 1 in informatics, Average: 75.34* 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

- Architected a full-stack government document tracking platform digitizing submission, verification, and approval workflows between citizens and local officials.
- Integrated AI-based verification, leveraging Google Gemini for automated image/text validation and a DeepFace CNN model for biometric facial verification.
- Engineered a robust Express.js REST API with PostgreSQL backend, featuring secure JWT multi-role authentication and Azure Blob Storage integrations.
- Designed a dual-interface system: a bilingual React Native mobile app (with push notifications and calendar integration) and a React.js admin dashboard.
- Implemented advanced features including QR code scanning for document retrieval, automated PDF generation, Google Maps API, and Stripe payment processing.

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

- Developed a robust relational asset-tracking system using Django REST Framework (DRF) and MySQL to manage hardware inventories and historical allocations.
- Integrated a Gemini-powered AI Chat Assistant using FastMCP (Model Context Protocol), enabling secure, natural language live database lookups.
- Architected a bi-directional expense pipeline integrating an n8n AI Agent; engineered an extraction flow that processes invoice images to Google Drive via Gemini alongside a tool-equipped conversational agent for record queries.
- Designed a responsive Angular 19 frontend utilizing standalone components, dedicated user portals, and RxJS-driven state management.

Beep Beep | Laravel, Bootstrap, PHP, MySQL

- Developed a full-stack delivery management platform featuring automatic driver assignment based on real-time location metrics and availability.
- Built secure multi-role workflows (admin, driver, customer) via Laravel RESTful APIs, protected by JWT and Google OAuth authentication layers.
- Implemented an interactive client portal featuring live order tracking, OTP-based sign-in, and real-time chat utilizing WebSockets.
- Integrated multi-payment support (Cash, Stripe, Crypto) backed by a real-time multi-currency conversion module.

KEY SKILLS

- Languages:** Python, JavaScript/TypeScript, Java, C#, C++, PHP, SQL
- AI & Automation:** LLM Integration (Gemini SDK), FastMCP, n8n AI Agents, DeepFace CNN
- Frameworks & Libraries:** React, Angular 19, React Native, Node.js (Express), Laravel, .NET
- Databases & Storage:** PostgreSQL, MySQL, SQL Server, MongoDB, Redis, Azure Blob
- Tools & DevOps:** Docker, Git/GitHub, AWS (S3, Beanstalk), GCP, Postman, Agile/Scrum