

Mhammad Houjairy

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PROFILE

Computer Science graduate with internship experience in Microsoft Power Platform and full-stack development. Built Dataverse-based CRM solutions and AI-enhanced copilots using Power Apps, Power Automate, Copilot Studio, model-driven apps, and dashboarding tools, alongside web applications built with .NET and the MERN stack.

EDUCATION

BS in Computer Science

Lebanese University | Hadath, Lebanon | 11/2022 - 06/2025

PROFESSIONAL EXPERIENCE

Power Platform Developer Intern | VNEXT Technologies

Beirut, Lebanon | 12/2025 - 03/2026

- Built a **sales management solution** inspired by Dynamics 365 Sales using **Dataverse**, **Power Apps** model-driven apps, standard **CRM tables**, **business rules**, and **dashboards**.
- Developed **Power Automate flows** for lead qualification, activity reminders, opportunity governance, approval workflows, ownership notifications, and data quality monitoring.
- Designed **business process flows**, **role-based security**, **views**, **charts**, and **dashboards** to support sales representatives, managers, and administrators.
- Extended the CRM with AI-powered copilots in **Copilot Studio** to deliver deal summaries, lead qualification support, prioritization, pipeline insights, and automation-triggered actions.

Full Stack Developer Intern | UniMade Solutions

Beirut, Lebanon | 07/2025 - 10/2025

- Contributed to a **multi-tenant SaaS application** using **.NET Core** and the **ABP Framework**, applying **Domain-Driven Design** principles to support a modular and scalable architecture.
- Implemented tenant isolation and tenant-specific configurations, and used **MySQL Workbench** for schema design, querying, and data modeling.
- Collaborated in an Agile environment using **Jira**, participating in sprint planning, daily stand-ups, and code reviews to support on-time, high-quality delivery.

Full Stack Developer Intern | Two of Us

Beirut, Lebanon | 07/2024 - 09/2024

- Developed full-stack web applications using the **MERN stack**, building responsive **React** interfaces and RESTful APIs with **Node.js** and **Express**.
- Implemented CRUD operations and managed application data using **MongoDB** and **Mongoose** for schema modeling and validation.

ACHIEVEMENTS

Competitive Programmer

- Achieved a **top-18 finish** in **LCPC** by collaboratively tackling complex, time-bound algorithmic challenges as part of a high-performing team.
- Regularly participated in Codeforces online programming contests, strengthening **advanced problem-solving skills**.
- Solved **400+ algorithmic problems** on Codeforces.

SKILLS

Microsoft Power Platform: Power Apps, Model-Driven Apps, Power Automate, Power BI, Dataverse, Copilot Studio, Business Process Flows, Dashboarding, Role-Based Security

Backend: .NET Core, Entity Framework Core, ABP Framework, Multi-Tenancy, Domain-Driven Design, Laravel, Node.js, Express.js

Frontend: HTML, CSS, React.js

Programming Languages: Python, C/C++, Java, PHP, C#, JavaScript

Systems and Infrastructure: Linux, Windows, VMware, MySQL, MS SQL Server, MongoDB, Docker, Git, Jira

AI and Data Science: TensorFlow, Transformers, NumPy, scikit-learn

PROJECTS

[MaskMind](#)

- Built a web-based application that **predicts masked words** in input text using **BERT** and **Hugging Face Transformers**.
- Integrated the model with a clean, interactive **Gradio UI** for real-time input and output visualization.
- Containerized the application with **Docker** to support consistent deployment across environments.

[RecipeNest](#)

- Developed a dynamic **recipe generator web application** that suggests meal ideas based on user-selected ingredients.
- Implemented **CRUD operations, user authentication, and form validation** using **Laravel's MVC architecture**.
- Integrated **MySQL** to store and retrieve user data and recipes efficiently.

[SignNet](#)

- Developed a **deep learning model** to classify traffic signs from images using a **convolutional neural network** trained on a labeled dataset.
- Achieved **98% accuracy** on the GTSRB benchmark.

[CrossMind](#)

- Built an **AI-driven crossword solver** leveraging a custom backtracking algorithm.
- Designed a flexible system capable of dynamically filling horizontal and vertical word slots while maintaining valid intersections across the grid.

[LogicMiner](#)

- Developed an **intelligent AI agent** capable of solving Minesweeper using logic inference.