

Mohammad Hammoud

Full-Stack Developer | ML Enthusiast

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PROFILE

Full-Stack Developer with hands-on experience building business management systems, desktop applications, and interactive AR/XR solutions. Skilled in React, Node.js, MongoDB, and REST API development. Experienced in machine learning pipelines including image classification and computer vision — with a strong interest in applying these skills to real-world intelligent systems.

EDUCATION

Lebanese University

Bachelor of Science in Computer Science

Graduated 2025 | Beirut, Lebanon

PROFESSIONAL EXPERIENCE

Lead By Tech — AR/XR Intern

2024 – 2025 | Beirut, Lebanon

- Developed immersive AR/XR applications for education and retail clients.
- Integrated Vuforia-based image recognition systems.
- Collaborated with designers and developers to deliver client-ready solutions under tight deadlines.

SKILLS

Front End: React, React Native (Expo), JavaScript (ES6+), HTML, CSS

Back End: Node.js, PHP, .NET, Express, REST API Development, JWT Authentication

Machine Learning: TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy

Database: MongoDB, SQL

Other: Unity, C#, Electron, Python, Java, Git

PROJECTS

B7Gym – Gym Management System — React | Node.js | MongoDB | Electron | Express

- Designed and developed a full-stack gym management system for tracking members, subscriptions, and financial performance.
- Implemented RESTful backend architecture using modular routes and controllers.
- Built revenue and expense dashboards for real-time business insights.
- Developed structured payment tracking and transaction history system.

Career Hive – Job Platform — PHP | JavaScript | MySQL

- Built a web-based job platform allowing users to create profiles and apply for positions.
- Implemented job posting and application management features.
- Designed structured user interaction flows to improve engagement.

AR/XR Educational Applications (Internship) — Unity | Vuforia | C#

- Developed interactive educational applications for children (Grades 1–6).
- Integrated image recognition and AR tracking systems.
- Optimized 3D performance across multiple devices.

Machine Learning Projects — Python | PyTorch | Scikit-learn

- Built an image classification model using PyTorch achieving strong multi-class accuracy across diverse object categories.
- Developed a regression model to estimate equipment prices based on historical features.
- Implemented NLP tokenization and sequence prediction experiments.