

Mohammad Hammoud

Full-Stack Web Developer

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PROFESSIONAL SUMMARY

Results-driven Full-Stack Developer with hands-on expertise in the MERN stack (MongoDB, Express.js, React.js, Node.js) and practical experience in cloud platforms, database management, and AI-assisted development workflows. Adept at building scalable, responsive, and high-performance web applications with clean, maintainable code. Experienced in RESTful API design, real-time communication with Socket.IO, Airtable backend integration, and leveraging AI tools and prompt engineering to accelerate development cycles. Strong collaborator with a proactive approach to problem-solving and continuous learning.

WORK EXPERIENCE

Full-Stack Developer Intern — BroadPress

October 2025 – December 2025 | Beirut, Lebanon

- Developed, tested, and maintained full-stack web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Collaborated with UI/UX designers to implement fully responsive, cross-browser-compatible designs using TailwindCSS.
- Built and integrated an **Airtable backend**: designed and structured relational tables, configured field types, and established table relationships to support dynamic application data.
- Created and managed **Airtable AI automations** to streamline data workflows, reducing manual data-entry tasks and improving operational efficiency.
- Designed and consumed RESTful APIs, integrating back-end services seamlessly with React front-end components.
- Developed reusable, modular React components to improve code maintainability and reduce development time.
- Optimized front-end performance using **useMemo** and **useCallback** hooks and implemented advanced state management with **Zustand**.
- Performed debugging and troubleshooting across full-stack systems, ensuring stability and data integrity through thorough CRUD operations.
- Utilized **AI tools and prompt engineering** techniques to accelerate development, automate repetitive tasks, and enhance code quality.
- Stayed current with MERN stack best practices, industry trends, and emerging technologies.

TECHNICAL SKILLS

Frontend	React.js, Next.js, JavaScript (ES6+), HTML5, CSS3, TailwindCSS
Backend	Node.js, Express.js, RESTful APIs, PHP
Database & Storage	MongoDB, Mongoose, Airtable (Table Design, Relational Fields, AI Automations)
Cloud & DevOps	Google Cloud Platform (GCP) – Core Services & Fundamentals, Netlify, Zapier (Workflow Automation)
AI & Productivity	AI Tools & Prompt Engineering, AI-Assisted Development Workflows
Real-Time & Networking	Socket.IO, Computer Networking, MikroTik API
Tools & Platforms	Git, GitHub, Postman, Google Tag Manager, reCAPTCHA, Trello, Session Storage

CERTIFICATIONS

- AI Fluency: Framework & Foundations** — Anthropic | Issued 2026 [\[Verify\]](#)
- Building Intermediate Zaps** — Zapier | Issued 2026 [\[Verify\]](#)
- Building AI Agents** — Zapier | Issued 2026 [\[Verify\]](#)

EDUCATION

Bachelor of Science in Computer Science

Lebanese University | January 2022 – June 2025

LANGUAGES

- Arabic** — Full Professional Proficiency
- English** — Professional Working Proficiency