

# Hadi Diab

## Full Stack Developer

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Portfolio

### SUMMARY

Full Stack Developer with hands-on experience owning projects end-to-end, from architecture and development to client communication. Builds scalable backend systems, real-time platforms, and AI tooling with a focus on reliability and maintainability.

### PROFESSIONAL EXPERIENCE

**Full Stack Developer** 2024/07 - Present  
Pixel38

- Took ownership of a full-stack shipment platform, independently managing all development, client communication, and technical decisions.
- Refactored and modernized the legacy shipment codebase, reducing technical debt by 40% and improving maintainability across core logistics workflows.
- Engineered a scalable, queue-based integration for enterprise invoice syncing, ensuring reliable communication with external accounting systems.
- Architected the backend API and internal operations portal for a real-time food delivery platform, covering order management, delivery tracking, and restaurant onboarding.

**Full Stack Developer** 2024/04 - 2024/07  
SlashML

- Built a queue-based system using Pulumi to programmatically provision EC2 instances for AI workloads, enabling dynamic model deployment and LLM installations at scale.
- Built the internal dashboard to improve visibility into model deployments and simplify infrastructure management.

### SKILLS

- Programming Languages: TypeScript, Node.js, Python, PHP
- Frameworks & Technologies: React, Next.js, Express.js, Fastify.js, Laravel, WebSockets, Docker, Git, Jest, Prisma, MCP
- Databases: MongoDB, PostgreSQL, Redis, SQL Server, MySQL

### PROJECTS

**SQL Server MCP Server**

- Built a read-only MCP server that lets AI assistants discover schemas, map relationships, and preview data across SQL Server databases, cutting legacy database onboarding from days to minutes.
- Enforced zero-mutation access through parameterized queries and injection safeguards, eliminating accidental data changes in production.
- Designed multi-environment profile system with isolated credentials and connection switching across dev, staging, and production, preventing cross-environment access or configuration bleed.

**Figma MCP Server**

- Built an open-source MCP server enabling AI-driven Figma design generation through natural language, adopted internally to accelerate UI prototyping.
- Designed a three-layer architecture (MCP server, WebSocket bridge, Figma plugin) with validated command routing for reliable communication within Figma's sandboxed environment.
- Implemented 60+ tools for frames, auto layout, typography, and components, giving AI full control over Figma workflows.

### CERTIFICATES

- AWS Certified Cloud Practitioner

### EDUCATION

**B.Sc. in Science** 2021/09 - 2024/06  
Lebanese University