

Hadi Diab

Full Stack Developer

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Portfolio

SUMMARY

Full Stack Developer specializing in building real-time systems that improve operational workflows and customer experiences. Focused on reducing deployment times, eliminating system bottlenecks, and delivering maintainable solutions that scale with business growth.

PROFESSIONAL EXPERIENCE

Full Stack Developer 2024/07 – Present
Pixel38

- Engineered a scalable, queue-based integration for enterprise invoice syncing, ensuring consistent and reliable communication with external systems.
- Refactored and modernized a legacy shipment system, reducing technical debt by 40% and improving maintainability across core logistics workflows.
- Drove the final stages of a complex inspection platform to completion, owning critical backend development and ensuring the timely release of essential operational features.
- Architected the backend API for a real-time food delivery platform and implemented advanced features for its internal operations portal, improving order accuracy, delivery tracking, and restaurant onboarding efficiency.

Full Stack Developer 2024/04 – 2024/07
SlashML

- Designed and implemented a queue-based system to programmatically trigger EC2 instances for AI workloads, enabling dynamic model deployment—including LLM installations—for scalable machine learning pipelines.
- Collaborated with backend and DevOps teams to ensure efficient cloud infrastructure integration and reliable instance provisioning workflows.
- Wrote and maintained detailed documentation, improving clarity for both users and internal team

SKILLS

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

PROJECTS

Chat System (Node.js, Fastify, Socket.io, Redis)

- Established real-time communication channels using Socket.io, fostering interactive user experiences.
- Scaled data flow for a 100% user base boom by leveraging Redis Pub/Sub.
- Masterminded horizontal scaling to maximize system capacity, ensuring future growth.

Multi-Agent AI System | Freelance

- Built a multi-agent system with LangChain/LangGraph using specialized agents, reducing processing time through parallel execution
- Optimized deployment costs by self-hosting LLMs on the client's Azure H100 VM infrastructure instead of API services, eliminating recurring API expenses while maintaining performance
- Built production-ready agent orchestration by integrating local model support with the LangChain framework, creating scalable multi-agent workflows for automation needs

CERTIFICATES

- AWS Certified Cloud Practitioner

EDUCATION

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