

Elias Bou Selwan

FULL-STACK DEVELOPER

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Senior Full-Stack Developer with 4+ years of experience delivering production-grade systems at scale, spanning 30+ web applications, 40+ cloud deployments, and 50+ maintained codebases across e-commerce, FinTech, media, and telecom sectors. Highly proficient across the modern web stack and cloud infrastructure, now applying that foundation to AI engineering with LLMs, OpenAI APIs, and LangChain.

Skills & Abilities

- **Languages:** JavaScript, TypeScript, PHP, Python, HTML, CSS, C#
- **Frontend:** React.js, Next.js, Tailwind CSS, shadcn/ui, Material UI, Vue.js, jQuery
- **Backend:** Node.js, Express.js, Laravel
- **Databases:** PostgreSQL, MongoDB, MySQL, Redis, Qdrant
- **DevOps & Cloud:** Docker, AWS (EC2, RDS, S3, Lambda, ECS, EKS), Nginx, Apache, Ubuntu, Git, GitLab
- **AI & LLMs:** OpenAI APIs, OpenAI Realtime APIs, ElevenLabs, N8N, LangChain, LangGraph, AI Agent Development, LLM Integration
- **Architecture:** Microservices, gRPC, Design Patterns, Data Structures & Algorithms
- **Methodologies:** Agile, Scrum, Jira, Product Management, Task Delegation

Experience

Tedmob | Senior Full-stack Developer & AI Engineer

2022 – Present

- Lead the company's AI team, developing intelligent chatbot solutions for enterprise clients across multiple industries using OpenAI, LangChain, and N8N.
- Built 5 AI MVPs in 2025, including an e-commerce assistant, FinTech chatbot, telecom support assistant, and real-time AI phone receptionist, securing new enterprise deals set to launch in 2026.
- Developed 30+ web applications, dashboards, and backend systems across sectors, including e-commerce, FinTech, media streaming, and lottery platforms, using Laravel, Node.js, Express.js, Next.js, and React.js.
- Deployed 40+ staging and production environments using Nginx, Apache, Docker, Kubernetes, and AWS, ensuring scalable and reliable cloud infrastructure.
- Maintained and improved 50+ production codebases across PHP, JavaScript, and TypeScript, optimizing database queries, resolving critical bugs, and enhancing performance and code quality.
- Led development of a custom CRM system (React.js, Express.js, MongoDB) that increased client retention by 30%, and built an internal server management platform to monitor deployments, resource usage, and infrastructure profitability.

CME Offshore | Frontend Developer Internship

May 2021 – September 2021

- Developed reusable UI components using Angular.js, TypeScript, and Sass, improving interface consistency and supporting complex user interaction flows across the application.
- Collaborated with a team of five developers on a high-priority project, contributing to timely delivery through regular code reviews and clear cross-functional communication.

- Followed Agile/SCRUM methodologies throughout the development cycle, participating in sprints, stand-ups, and retrospectives to support team collaboration and on-time delivery.

Education

Saint Joseph University of Beirut, BS Computer Science

2022

GPA: 3.6