



Stelios Mavro

Full-Stack Engineer - AI Integrations - Developer Tooling

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5+

YEARS

1.2K+

USERS

5+

PROJECTS

10+

OS PRS

Professional Summary

Full-stack engineer since 2020, specializing in AI integrations and developer tooling. Passionate about open-source, clean code, and creating seamless experiences that empower developers.

Experience

Technical Consultant

Jun 2025 - Present

MicroPump

Providing ongoing technical consultation and development services after the acquisition of my EzPump bot ecosystem. Working on scaling infrastructure and implementing new features.

- Extended the architecture of EzPump into a more scalable and modular system
- Developed advanced Token Bundler for pump.fun Solana program - creates tokens and executes first buy in same atomic transaction, ensuring creator gets first entry advantage

Software Engineer

Oct 2023 - Jun 2025

InstaShop • Dubai, UAE

Contributed to the leading grocery delivery app in MENA, acquired by Delivery Hero (\$360M). Operated in a fast-paced team of 60+ developers.

- Built APIs and endpoints for external partners
- Managed communication workflows for data exchange with Delivery Hero

Full-Stack Software Engineer

Jun 2021 - May 2023

Mind Alliance • New Jersey, USA

Built internal SaaS platforms for Fragomen, a leading U.S. law firm specializing in immigration law.

- Admins could create or configure templates, fields, rules etc.
- Implemented scalable state management using NgRx Store and Component Store

Featured Projects

Successful Exits

Crypto Trading Bot Ecosystem

1.2K+

Suite of Solana trading tools that gained 1.2K+ users

Acquired by MicroPump

- ezipump.fun - Telegram trading bot for Solana meme coins
- Generated simulated volume to boost token visibility on pump.fun

Open Source Impact

MavroChat

Open-Source AI-Powered Chat Platform for Developers

- Built open-source AI chat platform optimized for focused developer workflows and quick code assistance
- Implemented real-time streaming responses with sub-50ms latency using Server-Sent Events

Nango Contributions

Open Source Developer Tool Contributions

- Built full integration support for external provider (ClickSend), including syncs, actions, and configuration
- Deep-dived into distributed architecture: Kubernetes/Helm deployments, AWS ECS, Redis queues, ElasticSearch logging

Technical Skills

Frontend: React 19, Next.js 15, Angular, TypeScript, Tailwind CSS 4

Backend: Node.js, NestJS, Express, REST APIs, GraphQL

Databases: PostgreSQL, MongoDB, Mongoose, Redis, Prisma

Blockchain: Solana Web3.js, SPL Token

AI/ML: Vercel AI SDK, OpenAI API, Claude API, MCP server

DevOps & Tools: Kubernetes, Docker, AWS ECS, Helm, CI/CD

Libraries & Utilities: Zod, Winston, lodash, date-fns, class-validator

Testing: Vitest, Jasmine, Karma, Angular CLI

Education

Vocational Education - Mechatronics Engineering

Oct 2015 - Aug 2020 • 18/20 (Certified by the National Organization for Certification of Qualifications)