

Maina Wycliffe

Founder, technical leader & full-stack engineer

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PROFILE

I build useful software from the first version through production, with a focus on TypeScript, AI workflows, and interfaces people can trust. My work spans technical leadership, product engineering, open source, and helping teams turn complex business processes into maintainable systems.

EXPERIENCE

Founder & Chief Builder

Garatropic | Current

- Build software around business workflows, connecting existing information and systems and applying AI where it improves the result.
- Create open-source infrastructure including Skein.js, a TypeScript agent runtime designed for deployment on infrastructure teams control.

AI & Automations Engineer

Purple Elephant Ventures | Recent

- Build practical AI tools and automations that reduce manual work and support growing businesses.

Tech Lead & Full-stack Software Engineer

Skyhook Adventure | Nov 2024 - Aug 2025

- Led product development and worked with stakeholders to design technical solutions for sales and visibility.
- Delivered customer reward points, discounts, and revenue reporting features.

Software Engineer Consultant

Skyhook Adventure | May 2023 - Nov 2024

- Redesigned the custom ecommerce marketplace and built scheduled customer messaging before and after trips.

Frontend Software Engineer, Open Source Product

Flanksource | Oct 2022 - Nov 2024

- Led frontend development and the move from JavaScript to TypeScript to improve reliability.
- Improved data fetching patterns and implemented an alternative authentication system for the SaaS product.

Full-stack Software Engineer

Skyhook Adventure | Dec 2019 - Jul 2022

- Introduced TypeScript and Next.js server rendering, and built a GitHub Actions delivery pipeline.
- Moved backend services toward a serverless architecture.

Founding Software Engineer

Fudos | Jan 2018 - Nov 2019

- Helped build the first product, migrated backend services to Go, and automated AWS deployment with Terraform.

AREAS OF WORK

- TypeScript, JavaScript, Angular, React, Next.js
- Node.js, Go, API and system design
- AI agents, workflow automation, generative interfaces
- AWS, Google Cloud, CI/CD, serverless systems
- Technical leadership, product delivery, mentoring

RECOGNITION

Google Developer Expert for Angular