

Takam Alex Christian

Full-Stack Engineer | takamalexchristian@126.com | +86 13122726184 | Hangzhou, China

GitHub: [Github.com/takam-alex-christian](https://github.com/takam-alex-christian)

Professional Summary

Impact-driven Full-Stack Engineer with over 4+ years of experience spanning web development, infrastructure architecture, and platform operations. Proven track record of architecting scalable platforms from scratch, managing zero-downtime cloud migrations, and deploying robust observability layers for enterprise software systems.

Professional Experience

整数智能 (Molar Intelligence) | *Full-Stack & Platform Infrastructure Engineer* | June 2025 – Present | Hangzhou, China

- **Platform Architecture ([Rex.zone](#))**: Engineered the initial v1 MVP; rejoined the core engineering team 8 months ago, continuously delivering features across frontend, backend, and infrastructure layers.
- **Custom CMS Development**: Designed a proprietary CMS from scratch with a Meta Lexical rich-text editor and optimized database schema; automated publishing pipelines for [abaka.ai](#), [molardata.com](#) and [2077ai.com](#), enabling non-technical teams to deploy 200+ articles with a 100% reduction in bugs.
- **End-to-End Development**: Engineered a global developer conference platform ([aiconferenceddl.com](#)) from scratch and maintained core corporate enterprise landing sites.
- **Infrastructure Operations & Security**: Engineered robust monitoring layers using Prometheus, Grafana, and Uptime Kuma; secured workflows with reCAPTCHA v3 and migrated storage from Aliyun to AWS S3 with zero downtime.
- **Integrations & Hubs**: Built multi-channel Google/Meta Ads API marketing automations and engineered core admin architectures for the internal management hub (dino-admin).

Full-Time Academic & Language Immersion | *Professional Development* | January 2023 – May 2025

- Paused active development to complete a B.Eng. in Automation Engineering (2024) and undertook intensive Mandarin Chinese immersion to transition into the Hangzhou technology sector.

Caelis Tech Studio SARL | *Full-Stack Developer* | January 2020 – December 2022

- Deployed modular, production-ready Node.js microservices to guarantee horizontal cloud scalability.
- Engineered responsive, state-managed React frontend architectures based on internal Figma UI design structures.

Ipetrade SARL | *Freelance Software Engineer* | June 2018 – May 2019

- Integrated high-throughput fintech APIs (Orange Money, MTN Mobile Money) using Node.js and Express with cross-border dev teams.

Core Technical Expertise

- **Languages**: TypeScript, JavaScript (ES6+), Go, Python
- **Frameworks & Libraries**: React & Next.js, Node.js, Nest.js, Vue & Nuxt.js, Express.js, NitroJS, Lexical (Meta), Tailwind CSS, HeroUI, Jin
- **Cloud & Infrastructure**: AWS (EC2, S3, CloudFront), GCP, Volc Engine (Torch Logs), Docker, Linux
- **Observability & Databases**: Prometheus, Grafana, Sentry, Uptime Kuma | Redis, BullMQ, MongoDB, Git, GitHub

Education & Certifications

- **Intensive Mandarin Chinese Program** (2024 – 2025)
- **B.Eng. in Automation Engineering** - Shanghai Dianji University (2020 – 2024)
Coursework: Pattern Recognition, Machine Learning, Advanced Programming, Embedded Systems, Digital Logic.
- **Certifications**: [Foundations of Generative AI \(Udacity\)](#) | [Programming in Python \(Meta\)](#) | [Embedded Systems Essentials \(ARM\)](#) | [The Complete 2022 Web Development Bootcamp by Dr Angela Yu via Udemy](#)

Languages

- **English**: Fluent | **Français**: Courant | **汉语**: 汉语会话