

Loïc Aublet

Backend Engineer — System Design & Architecture

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8 years of software engineering experience, from fullstack to backend and architecture. For the past 3 years working on Blank (Crédit Agricole group), a French neobank for professionals. What drives me: system design, software architecture, and technical team organization — building end-to-end systems, cleaning up existing codebases, and helping teams level up. I built this experience on a TypeScript / AWS stack, and I'm learning Go to expand beyond the Node ecosystem.

EXPERIENCE

Backend Engineer — Blank (Crédit Agricole group)

May 2023 – Present · Paris

- Designed and shipped the Case Manager in production: data modeling, service boundaries, and dev/data/product orchestration.
- Maintained continuity for the Bank XP squad reduced to 2 people for 6 months (attrition, platform migration), preserving stability and service quality.
- Technical referent for the serverless TypeScript/AWS stack: onboarding and mentoring new developers, explaining architecture decisions and existing constraints.
- Documented critical business processes that had never been formalized (e.g. monthly account statement generation).
- Designed a technical interview framework to standardize candidate evaluation.

Backend Developer — STMicroelectronics

Sept. 2021 – Jan. 2023 · Paris

- Adapted the application stack to the AWS production environment and designed a new microservice in NestJS.
- Led AWS Lambda architecture research for a serverless backend rewrite.

Fullstack Developer — Wisebatt

Nov. 2019 – Sept. 2021

- Designed a series of supplier data aggregation services (Node.js, MongoDB aggregation pipeline).
- Ported the multi-service stack to Docker and set up on-premise GitLab CI/CD; researched microservices architecture.
- Complete frontend rewrite in Angular 9 (interactive schematic component, D3.js visualizations).

Fullstack Developer — Linagora

Sept. 2018 – Oct. 2019

- Developed features and tests on OpenPaaS, an open-source alternative to G Suite, working on a large existing codebase.

SKILLS

- **Languages:** TypeScript, JavaScript · Go (learning)
- **Backend:** Node.js, NestJS · API design and refactoring
- **AWS:** S3, SQS, SNS, Lambda, CDK
- **Databases:** DynamoDB, MongoDB, Redis
- **Tools:** Neovim, Linux, Docker, GitLab CI/CD

- **Frontend** (fullstack background): React, Angular, Tailwind

INTERESTS & GROWTH

System design and software architecture (reading: *Designing Data-Intensive Applications*, *Domain Modeling Made Functional*). Currently deepening DDD, hexagonal architecture, functional core, and leveling up on Go.

EDUCATION

- Web Developer Bootcamp — Simplon.co (2018)
- MIEF Bachelor's degree — IUT d'Évry (2012)

LANGUAGES

French (native) · English (C1)