

# GUILLAUME ROBOAM

☎ +33 630203285 ✉ guillaume.roboam@gmail.com 🔗 linkedin.com/in/guillaume-roboam 🌐 github.com/UnMars  
📦 guillaumeroboam.vercel.app/

## Education

### ENSIMAG - Top-ranked French CS Engineering School

Graduation: June 2026

B.Sc & M.Sc. in Computer Science – Specialization: Information Systems and Software Engineering

Grenoble, France

- **Relevant Coursework:** Data Structures & Algorithms, Operating Systems, Databases, Distributed Systems, Web Development, Computer Architecture, Compilers, Cybersecurity

## Work Experience

### Founding Software Engineer Intern

May 2025 – Present

Noticeable

Panama City, Panama

- Delivered complete microservices-based infrastructure for a YC-preparing startup using Python, Redis, Docker and AWS, enabling **first live prototype under 3 weeks**.
- Designed a **scalable and fault-tolerant backend system**, supporting multiple async workflows (including RAG agents), optimized for modularity and low latency.
- Drove tech roadmap and system design, **collaborating daily** with founders and leading architectural decisions in a zero-legacy, high-autonomy context.

### Software Engineer (Contract)

May 2024 – Present

Eosya

Remote

- Built full backend architecture **from scratch** using Django, PostgreSQL and Docker, powering a production-ready geospatial platform.
- Implemented **ultra-fast full-text autocomplete** over **800k+ entries** using Elasticsearch and Redis, reducing latency **from 7s to 250ms** (28x).
- Led frontend development in Angular to support user search, filtering and visualization of points of interest.
- Managed end-to-end deployment with CI/CD, Nginx reverse proxy, SSL, and monitoring.

## Projects

### Nsigma (Student Organization)

React Native | Expo | CI/CD

- Created a mobile app enabling **200+** students to browse and apply for missions in real time, with RLS and push notifications.
- Revamped internal IT: CI/CD, Docker, automated backups, CDN and frontend performance optimizations resulting in **+85% speed** for **500+ monthly users**.

### Aleo Hackathon Winner - \$100,000 Prize

Web3 | Aleo (Rust like) | TypeScript

- Won **1st place** in global Web3 hackathon (250+ teams) co-hosted by Aleo and zSociety.
- Built a decentralized oracle feed with ZK-Proof infrastructure and custom SDK for smart contract interactions.
- Led frontend and SDK architecture, with strong performance focus and live demo deployment.

## Leadership

### Chief Information Officer (CIO) | Nsigma Junior Enterprise

March 2024 – March 2025

- Managed a team of 4 people to build internal tools for mission tracking, legal automation, and member engagement.
- Spearheaded technical architecture across frontend, backend, and infra; implemented CI/CD pipelines and automated backups.

## Technical Skills

**Programming Languages:** Python, Java, TypeScript, JavaScript, C, SQL, Bash, HTML, CSS

**Frameworks & Libraries:** Flask, Django, React, Angular, LangChain, Postgres

**Tools:** Git, GitHub, Docker, AWS, Nginx, Redis, Elasticsearch

**Concepts:** Backend Development, FullStack Development, Software Engineering, Software Development

**Networking:** CI/CD, Microservices, DevOps, Automation, Agile, System Design, Infrastructure Engineering