Emilien Roukine

Software Engineer (Apprenticeship) | Seeking Summer 2027 Computer Science Internship (Jun - Aug)

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WORK EXPERIENCE

Software Engineer (Apprenticeship) @ Limagrain — Clermont-Ferrand, France

Python, Angular, FastAPI, Terraform, Ansible, Azure, GCP — Sep 2025 - Present

- Architected and developed a modular portal centralizing and automating IT operations, integrations, and application reverse engineering.
- Managed enterprise data flows, handled Level 2 operational support and production releases, and contributed to migrating the GoAnywhere MFT platform.
- Defined team API governance guidelines and deployment best practices, driving adoption and technical support for the API Management platform (Apigee X).

Software Engineer (Apprenticeship) @ Plany — Annecy, France

PHP, Vue.js, Elasticsearch, MySQL — Sep 2024 - Aug 2025

- Engineered core product features and RESTful services for a B2B SaaS platform within an agile 5-person engineering team.
- Implemented search and data indexing pipelines, improving query latency by 40% and search reliability across customer records.
- Collaborated under Tech Lead mentorship on architectural decisions, code reviews, and daily standups to maintain high codebase quality.

Software Engineer Intern @ Plany — Annecy, France

PHP, Vue.js, SQL — Apr 2024 - Jul 2024

- Designed and developed a full-stack internal web application featuring dynamic, modular form workflows backed by a relational database.
- Deployed the application to production, streamlining daily operations and data collection for internal company teams.

EDUCATION

Master of Engineering in Computer Science (Work-study program) — Clermont-Ferrand, France

ISIMA - Clermont Auvergne INP — Sep 2025 - Aug 2028

- Relevant Coursework: Software Architecture, Operating Systems & Concurrency, Algorithms, Network Protocols.

Bachelor of Technology in Computer Science — Annecy, France

IUT d'Annecy - University of Savoie Mont-Blanc — Sep 2022 - Jun 2025

- Track: Software Engineering & Application Development.

PROJECTS

CapitalView - Open-Source Personal Wealth Management Platform — capitalview.fr

FastAPI, Vue.js, TypeScript, PostgreSQL, ECharts, Multi-LLM (MCP) — 2025 - Present

- Developed an end-to-end encrypted web application to track and visualize personal and business assets with real-time banking API integration.
- Built an automated financial analytics engine enhanced with AI to analyze spending behaviors and assist in strategic decision-making.

Personal Homelab & Infrastructure

Proxmox VE, Docker, Cloudflare, AdGuard Home — 2024 - Present

- Architected a self-hosted virtualization homelab on Proxmox VE, orchestrating containerized microservices and internal applications with Docker.
- Configured network routing and security using Cloudflare (Tunnel / Reverse Proxy), automated local DNS sinkhole (AdGuard Home), and secure remote VPN access.

TECHNICAL SKILLS

Technical Skills: Application Architecture, CI/CD, Containerization, Relational & NoSQL Databases, Applied AI & LLMs
Professional Skills: Curiosity-driven, entrepreneurial mindset, opinionated engineer with strong ownership

ADDITIONAL INFORMATION

Languages: French (Native), English (Full Professional Proficiency), German (B1)
Interests: Weightlifting, chess (tournament competitor), running (half-marathon), outdoor sports (skiing, surfing, mountain biking, tennis)