

LUCAS LAURENT

Cybersecurity Software Engineer — Available from September 2025

📍 Nancy, France

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🐙 kour0

🌐 lucas-laurent06



I am passionate about building secure and efficient software. I am looking for new challenges combining development, cloud technologies, and cybersecurity in an environment that fosters technical excellence.

SKILLS & INTERESTS

- Programming Languages: Java C Python TypeScript PHP Dart Go
- Frameworks: React Next.js Micronaut Express Laravel Flask FastAPI Flutter
- Databases: MySQL PostgreSQL MongoDB Redis
- Cloud & DevOps: Docker Kubernetes Terraform ArgoCD Helm Linkerd GitHub Actions Jenkins
Prometheus / Grafana C4 Model
- Languages: English - B2 (TOEIC) French - Native
- Interests: Finance Blockchain Piano (Amateur) Competitive Gaming Chess (Amateur)

WORK EXPERIENCE

Apprentice Software Analyst-Developer

Euro-Information — Professional contract

📅 Sept. 2024 – Sept. 2025

- Developed web and mobile applications in **C#** using an in-house framework, along with IBM mainframe development in COBOL.
- Worked as a project engineer on banking production systems, focusing on **performance analysis**.

Full-Stack Developer

TESSAEL (Startup) — Freelance

📅 June 2024 – March 2025

- Designed and built an organizational and analytics system using **Next.js**, **FastAPI**, and **MongoDB**. Set up CI/CD pipelines with **Jenkins**.

EDUCATION

Master's Degree in Computer Science

Télécom Nancy (Engineering School)

📅 2022 – Sept. 2025

📍 Nancy

Preparatory Classes — Maths & Physics

Lycée Henri-Wallon

📅 2019 – 2022

📍 Valenciennes

PERSONAL PROJECTS

Barbu — Real-Time Multiplayer Card Game

Personal project — github.com/barbu-game

📅 2026

- Designed and operated a full **production Kubernetes** platform on Hetzner — **Terraform** IaC, **ArgoCD** GitOps, HA control-plane, node autoscaler, **Linkerd** mTLS mesh, **KEDA** autoscaling, chaos & **k6** load tests, **Prometheus/Grafana**.
- Authoritative real-time **WebSocket** backend in **Java 21** / **Micronaut** (GraalVM native), state on **Redis**, **Next.js** front sharing a code-first **OpenAPI** contract (typecheck breaks on drift).

GetOut Inc.

getout.sport — Freelance

📅 March 2025 – Present

- Developed a sports booking platform using **React**, **Laravel**, and **PostgreSQL** — implemented a distributed system for handling payments with **Temporal (Go)**.
- Set up CI/CD with **Google Cloud Platform**, **GitHub Actions**, and monitoring using **Grafana** and **Prometheus**.

Ada Compiler Project

Telecom Nancy — Group Project

📅 Nov. 2023 – Feb. 2024

- Designed and implemented a compiler in **Java** including LL(1) grammar parsing, lexical analysis, parsing, and semantic analysis.