

Nicolas Séverin

Seeking a Technical Lead role at an innovative, diverse company that values strong engineering practices and modern technologies. I thrive on leading the technical design of core product features, being hands-on, and collaborating with talented colleagues to build scalable, resilient software.

Professional Experience

TrueLayer, London, UK — Engineering Manager II

May 2022 - Sept 2024

TrueLayer powers faster and safer online payments with Open Banking.

- Managed teams of up to **7 engineers**, hiring, regularly reviewing **performance**, setting **goals**, and **mentoring** them
- Increased Open Banking coverage and conversion rates across the EU and UK to achieve **market-leading performance**, met with banks to develop more intuitive and secure flows and roll out cVRP
- Conducted analysis to support **data-driven** decisions with Product, identified untapped bank API features to gain a competitive edge
- Led engineering workgroups to reduce **KTLO**, **automate** processes, **rearchitect** bank integrations and **event-driven** service contracts
- Migrated services to **Helm**, adopted **Renovate**, documented the **deployment** process, managed and participated in the **on-call** rota, handled **incidents**, ran **post-mortems**, participated in **Hackatons**

WorldFirst UK (Ant Group), London, UK — Technical Lead

Oct 2020 - Apr 2022

WorldFirst helps SMEs transfer money globally, securely and swiftly.

- Delivered strategic integrations with e-commerce platforms to make the customer experience safer, developed **PSD2 APIs**
- **Led** and **mentored** a team of **5 engineers** to design resilient & scalable solutions in **Java** with Spring Boot. Pragmatically **modernised** the tech stack of critical production services, set up **monitoring & alerting**, went **on-call**, **documented** systems

WorldFirst UK, London, UK — Senior Software Developer

Feb 2017 - Oct 2020

- Developed **REST APIs** in PHP with Symfony and Zend to manage beneficiaries and customer bank accounts, integrated 3rd parties and banking partners, and processed SWIFT payment messages
- Documented, refactored and unit-tested legacy systems to improve **maintainability**, and migrated services to **AWS**

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Skills

Rust, Actix Web, **C#**, .NET, **Java**,
Spring Boot, Reactor, SQL, **PHP**,
Typescript, React, RabbitMQ,
Kafka

DDD, TDD, Multithreading, Async,
Functional, Events, CI/CD,
Debugging

Cloud, Microservices, AWS,
Docker, Kubernetes, Helm,
OpenTelemetry

Engineering management,
Leadership, **Mentoring**, **Coaching**

Project management, Agile, Data
driven, Business Intelligence

Certifications

Sumo Logic Search Mastery - Mar
2021

Alibaba Cloud Associate Cloud
Computing - Sep 2021

Udemy Java and Spring
certifications - 2020

Languages

English, Bilingual

French, Native

Spanish, Elementary

Follow me

linkedin.com/in/severinnicolas

github.com/nico-incubig

Incubiq Solutions Ltd, London, UK — *Lead Developer*

Aug 2014 - Feb 2017

Incubiq's Wootled is a multi-platform social polling app to gauge audience sentiment in real time.

- Designed the product architecture, implemented **REST APIs** in PHP with Symfony, built **OAuth** login, introduced **RabbitMQ**, set up the Jenkins **CI/CD pipeline**, configured **Azure** cloud deployment

Caldera, Strasbourg, FR — *Software Developer*

Jan 2013 - Aug 2013

Caldera produces a colour management and productivity suite for the large-format printing industry.

- Developed a **high-performance** rasterization algorithm in C and CUDA using **multithreading**, **SIMD** and **GPGPU**

Education

IAE, Grenoble, FR — *Master of Business Administration (MBA)*

2013 - 2015

ESISAR, Valence, FR — *Master of Science (MSc) in Computer Science*

2011 - 2014

Projects

Only listing most recent ones, the full list is available at <https://nseverin.fr/projects>.

Open-source — <https://github.com/nico-incubiq>

Tokio tracing 🐙, SQLx 🐙, Utoipa 🐙, PHP Infection 🐘, Symfony 🐘, Doctrine ORM 🐘, ...

Zero2Prod — <https://zero2prod.nseverin.fr>

Async Rust 🐙 back-end using Actix Web, Tokio, SQLx, Tokio tracing, Reqwest, Anyhow

nseverin.fr — <https://nseverin.fr>

Typescript 📄 back-end and front-end using Deno, Deno Fresh, Preact, Twind

Baby wishlist — <https://baby-list.sodev.me>

Java 17 ☕ back-end using Spring Boot Webflux, GraalVM, and Typescript 📄 front-end using React 18, Redux, React Router, JSS

Let's draw — <https://letsdraw.nseverin.fr/>

Java 15 ☕ back-end using Spring Boot, STOMP, Websocket, JUnit, and Javascript 📄 front-end