LUKA SIGNE–MORICE

Nantes, France

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EDUCATION

Software Engineering degree (equivalent to a Master of Science), IMT Atlantique - France   2021-2024
Relevant Coursework: Distributed architectures, Software design, Data structures and Algorithms.

Associate's degree in computer science (DUT Informatique), IUT de Lens - France   2019 - 2021
Relevant Coursework: Object Oriented Programming, Front-End and Back-end development, Relational databases.

SKILLS

Programming	Java, Typescript, Ruby, Python, REST API, GraphQL.
Framework and tools (Frontend)	HTML, CSS, Vue.js, React, Figma, Cypress.
Framework and tools (Backend)	Spring Boot, JUnit, Ruby on Rails, Kakfa.
DevOps	Docker, Kubernetes, Helm, Jenkins, Grafana, OpenTelemetry.
Databases	PostgreSQL, MySQL, MongoDb.
Languages	French (Native), English (Fluent, 8 IELTS Academic band score).

Hobbies: Triathlon, Tennis, Music (self-taught guitar), Video Games.

PROFESSIONAL EXPERIENCE

Backend engineer apprentice   Talend, France   Feb. 2022 - Present

Working in an **international team** who provides **Observability** (metrics, logs,...) from the execution of Talend Jobs. The team works in an **agile** way.

- **Developed** a **Springboot application** to aggregate and enrich metrics using **Kafka Streams**.
- **Designed** the extraction of a service **(REST API)** from a monolith to a **new Springboot microservice**.
- **Contributed** to the **maintenance** of the Talend Jobs Observability feature.
- **Deployed** several services on **Kubernetes** instances deployed on **AWS**, using **Helm Charts** and **Flux**.

Software developer intern   Ans, The Netherlands   May 2023 - Sept. 2023

Contributed to a **fast-growing Ed-Tech company, implementing** and **enhancing** software features as outlined in university tender contracts within a **small, dynamic development team**.

- **Improved** the import of questions using the Question and Test Interoperability (QTI) format.
- **Enhanced the workflow of assignment scheduling**, a core feature of Ans.
- **Developed** a new functionality for students to show how confident they are in their answers, using **Ruby on Rails**.

PROJECTS

Discoverify: Web application using the **Spotify API** to discover new tracks based on your favorite artists and genres. Built with **Vue.js, Express.js. and Javascript**.

Hacking Health Nantes: During 3 days, I have worked on **designing an app interface** for a digital solution to help parents of children with cancer manage their medication.

Star Wars: The Great Escape: VR escape game made with **Unity and Meta XR SDK**. It uses Meta Quest's hand tracking feature to include **innovative interactions** that make you feel like you are a Jedi.

More projects on my portfolio.