

# Thomas Roger Lux

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## WORK EXPERIENCE

### SOFTWARE ENGINEER

2020 – Present

Qantev | Insurtech Startup | [qantev.com](https://qantev.com)

Paris, France

- Developing an enterprise-grade, maintainable web application with JavaScript and React
- Building scalable, reliable and optimized REST APIs using Python, Django and ElasticSearch
- Maintaining and deploying IaC infrastructures using Azure, Docker, Ansible, and Terraform
- Recruiting and training new developers, as well as performing regular code reviews of my peers
- Designing and implementing UI/UX mockups with Figma using company design systems

### SOFTWARE ENGINEER INTERN

2017 – 2019

Indigen Solutions | Web Agency | [indigen.com](https://indigen.com)

Nice, France

- Developed REST APIs using TypeScript and Node for mobile clients and microservice gateways
- Built various complex web applications for multinational clients using TypeScript and React
- Designed and implemented scalable microservices for smart-home data treatment and analysis
- Created and maintained multiple internal tools and libraries used to simplify development
- Worked on a state-heavy mobile application using TypeScript, React Native and Redux with Saga
- Deployed and maintained different levels of infrastructure using AWS and Docker

## EDUCATION

### MASTER'S DEGREE IN COMPUTER SCIENCE

2016 – 2021

EPITECH | [epitech.eu](https://epitech.eu)

Nice & Paris, France

### GRADUATION PROJECT

2018 – 2021

EPITECH | Citynette

France, South Korea

- Managed a team of eight collaborators in five time zones and three continents
- Developed a database management and dashboard web application using TypeScript and Angular
- Deployed and maintained an IaC infrastructure using AWS, Docker, Ansible, Terraform and Netlify
- Built a static marketing website with CDN and SEO optimization using TypeScript, React and Gatsby

### EXCHANGE PROGRAM IN COMPUTER ENGINEERING

2019 – 2020

Inha University | [inha.ac.kr](https://inha.ac.kr)

Incheon, South Korea

## SKILLS

**Languages:** French (fluent), English (fluent)

**Front-end:** React (JS, TS, Redux, Saga, Next, Gatsby, Jest, Apollo), Angular (Rx), GraphQL, HTML, CSS

**Back-end:** Node (JS, TS, Nest, Express), Go (Gin, Gqlgen, Gorm), Rust (Actix, Rocket, Diesel), C, C++, Python (Django, DRF), SQL (Postgres, Cockroach, MySQL), NoSQL (Mongo, Redis, Firebase, ElasticSearch)

**Systems:** Linux (shell scripting, custom systems), Docker (compose, some notions of k8s), Ansible, Terraform, CI (Circle, Gitlab, Github), Cloud (AWS, Azure, Digital Ocean, Netlify), Git