

JORIS LEFONDEUR

DevOps Engineer

ABOUT

- Thionville, France
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SKILLS

- Cloud:** AWS
- IaC:** Terraform, Ansible
- CI/CD:** GitHub Actions, ArgoCD
- Containerization:** Docker, Kubernetes
- Monitoring:** Prometheus, Grafana, ELK
- Programming:** Bash, Go, Python

LANGUAGES

- French, English

SUMMARY

Junior DevOps Engineer with a background in systems programming and a passion for automation. I have a deep understanding of software engineering that I now apply to build cloud-native infrastructure. I enjoy the challenge of transforming manual processes into automated, reliable workflows, from orchestrating Kubernetes clusters and building robust CI/CD pipelines to implementing full-stack monitoring. I am motivated by the challenge of reducing operational friction and focusing on creating environments that are scalable, secure, and fully automated.

WORK EXPERIENCE

.NET Developer Intern

AKABI

Itzig, Luxembourg

Jan 2023 - Jun 2023

- Developed **ERP billing module** with automated bill generation
- Implemented **temporal data versioning** for historical accuracy (IBAN, BIC...)
- Extended code coverage from **82% to 95%** through extensive unit testing
- Enhanced **database initialization scripts** for schema changes and data migrations

EDUCATION

42 School

42 Luxembourg

Esch-sur-Alzette, Luxembourg

Feb 2024 - Present

Self-directed **peer-to-peer learning** program focused on **problem-solving** and **real-world software development** through **hands-on projects**.

Bachelor in Applied Information Technology

University of Luxembourg

Esch-sur-Alzette, Luxembourg

Sep 2019 - Jun 2023

Foundation in **computer science**, **software development**, and **IT systems** as well as **algorithms** and **databases**, basic **networking**, **operating systems** and **data science** concepts.

PROJECTS

- transcendence:** Multiplayer Pong web application with Docker, ELK log management, and Prometheus/Grafana monitoring
- taskmaster:** Process supervisor in Go, with automatic restart policies, hot-reload, privilege de-escalation, and interactive CLI
- inception-of-things:** Kubernetes cluster setup with K3s/K3d, Vagrant VMs, and ArgoCD
- portfolio:** Serverless web application deployed on AWS using Terraform, with a Go backend and VueJS frontend
- matt-daemon:** Unix daemon in C++ with socket communication, signal handling, file locking and logging
- webserv:** Web server in C++, handling HTTP requests, static content, uploads, and CGI