






# JORIS LEFONDEUR

DevOps Engineer

## ABOUT

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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