



# Rainui Ly

Engineer in Software, Security & Network. Work as Platform Engineer.

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## Summary

Cloud Native enthusiast and open source advocate, seeking a Kubernetes and CNCF-focused role to drive impactful projects.

## Certifications

### Kubestronaut

Linux Foundation

CNCF title requiring completion of all 5 Kubernetes certifications.

- Kubernetes and Cloud Native Associate (KCNA)
- Kubernetes and Cloud Native Security Associate (KCSA)
- Certified Kubernetes Application Developer (CKAD)
- Certified Kubernetes Administrator (CKA)
- Certified Kubernetes Security Specialist (CKS)

### CNCF Certifications

Cloud Native Computing Foundation

Extension of Kubernetes ecosystem

- Kyverno Certified Associate (KCA)
- Certified GitOps Associate (CGOA)
- Certified Argo Project Associate (CAPA)

2025

## Experience

### Tietoevry Banking

Platform Engineer - Architect

Since 2024

Bergen, Norway

Lead JFrog Artifactory initiative to replace current repository manager Nexus. Main software engineer for internal APIs and middlewares.

- Design Artifactory architecture under FINODS infratructure
- Prepare infrastructure to implement Artifactory as high-available service
- Plan migration from Nexus to Artifactory
- Develop internal microservices for seamless integration
- Support customers and internal actors with the service

### Tietoevry Banking

DevOps Engineer

2022 - 2024

Bergen, Norway

Work on Banking as a Platform.

- Migration of Jenkins to GitHub Actions
- Administration of Openshift
- Continuous delivery in ArgoCD using GitOps practices
- Automation and administration with Python & Shell
- Software development with Java & Spring framework

### Orange

DevOps Engineer

2019 - 2022

Toulouse, France

Automation of IT tasks on dev and preprod environment. Creation of virtual on-demand learning platform.

- CI/CD Pipeline using GitHub Actions, Jenkins and Gitlab CI
- Virtualisation with Kubernetes, Docker, Docker-compose and Hypervisor
- Infrastructure-as-Code with Ansible, Shell and Python
- Microservices and APIs development with Python

### IRIT

Trainee Lead Developer

2019

Toulouse, France

Migration of a data mining platform named Tetralogie using Python3 as backend and Java FX for UI.

Education		
University of Stavanger		Master exchange
Computer Science		
Grade A		
Highest grade on all courses: <i>Information retrieval and text mining</i> , <i>Security and vulnerabilities in networks</i> and <i>Software security</i> .		
ENSEEIHT		Master
Software and Network Engineering		
Grade A ~16/20		
3-years master level in software engineering and network engineering. Accredited by <a href="https://www.cti-commission.fr/en/">https://www.cti-commission.fr/en/</a> .		
IUT Toulouse		Bachelor
Software development		
Grade A		
2-years bachelor in software development.		
Conferences		
KubeCrash		May 2025
kubecrash.io		Online
Focus on Observability, Policy-as-Code and Platform Engineering practices.		
Cloud Native Computing Foundation		Apr 2025
KubeCon + CloudNativeCon Europe 2025		London
High interest in Platform Engineering topics, Observability, Security and Kubernetes.		
Cloud Native Rejekts		Mar 2025
Cloud Native Rejekts Europe 2025		London
High interest in Security and Kubernetes.		
Cloud Native Computing Foundation		Mar 2024
KubeCon + CloudNativeCon Europe 2024		Paris
High interest in GitOps, ArgoCD, Dagger, Security and Kubernetes.		
Over 12,000 people joined us in Paris for the largest ever KubeCon + CloudNativeCon Europe. Topics: Cloud, GitOps, LLM and IaC.		
Skills		
Programming		Cloud & DevOps
Python3, Go, Javascript, Java, Vue3, Svelte, Node.js		Kubernetes, Podman, Docker, Openshift, Ansible, Terraform, GCP, GitHub Actions, Kyverno, ArgoCD, Argo Workflow, Argo Rollouts, Argo Events
Database		Architecture
SQL, Document store, Key-Value store, Timeserie DB		Enterprise network, REST API, Microservices, Cloud design patterns, Object design patterns, GitOps patterns, DevSecOps patterns
Hard Skills		
Project management		Communication
leadership, project specification, risk analysis, project forecast		proof of concept, high-level design, internal speaker, mentorship, powerpoint, draw.io
Mentorships		
CertDirectory.io		Since April 2025
Platform Engineer mentor		
University of Toulouse		2022, 2023
Part-time Lecturer for Bachelor students		
Languages		
French	Tahitien	English
Native	Native	Proficient