Jonathan ASSAMAGAN

DevOps/Fullstack Developer — Available Immediately — Mobility: France

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PROFESSIONAL EXPERIENCE

DevOps Contractor (Alten) — Jun. 2025 – Dec. 2025
Amadeus (Mission) — *Sophia Antipolis, France*

- Developed and maintained complex Jenkins CI/CD pipelines for large-scale product engineering teams.
- Provided L2/L3 technical support for build failures, cloud deployment errors, and access management.
- Optimized an AI-powered log classification tool in Python: achieved 80% execution time reduction (asyncio) and secured Azure OpenAI via Microsoft Entra ID.
- Administered and supported source control systems including Bitbucket and GitHub.

Software Engineer Intern — Jan. 2024 – Jul. 2024
Sonatel (Orange Group) — *Dakar, Senegal*

- Architected and developed **KDI (Kubernetes Deployment Interface)** using **Go & Angular** : a web interface for multi-cloud automation.
- Engineered cross-cluster interconnections between different cloud providers.
- Implemented deployment strategies (A/B testing, Rolling Updates) automated via **GitHub Actions**.
- Extensive use of Openshift, Helm, and AWS EKS for infrastructure management.

Software Engineer Intern — May 2023 – Aug. 2023
Amadeus — *Nice, France*

- Evaluated and deployed **Keptn** for cloud-native Continuous Delivery (CD) orchestration on Kubernetes.
- Developed an open-source extension integrating **Splunk** as a Service Level Indicator (SLI) via REST API.
- Built an event-driven architecture to automate performance testing and rollback triggers.
- Collaborated with the CNCF community to integrate contributions into the Keptn SDK.

TECHNICAL SKILLS

Orchestration & Cloud: Kubernetes, Openshift, Helm, AWS, Google Cloud Run, Azure AI Foundry, Microsoft Entra ID
CI/CD & Automation: Jenkins, GitHub Actions, Terraform, Ansible, Argo CD (User)
Observability & Quality: Grafana, Splunk, SonarQube, ELK (Basics)
Development: Python, Go, Java, Groovy, Angular, REST API
Tools & Data: Git, Docker, JFrog Artifactory, Bitbucket, SQL/NoSQL (MongoDB), Gemini, SCRUM

EDUCATION

École Centrale de Lyon — Écully, France
Master of Engineering (M.Eng.) in Software Engineering — *Sept. 2021 – Oct. 2024*

École Supérieure Polytechnique de Dakar — Dakar, Senegal
Master of Engineering (M.Eng.) in Software Engineering — *Sept. 2018 – July 2024*

PERSONAL PROJECTS

Kubernetes From Scratch | *Terraform, Ansible, Kubeadm, AWS (EC2)* — Jan. 2026

- Provisioned a multi-node infrastructure on AWS using **Terraform**.
- Automated Linux instance configuration and Kubernetes component installation via **Ansible & kubeadm**.

KTracker / Kuroline | *Java, Spring Boot, Angular, Microservices, Websockets*

- Developed a mobile expense tracking application and a messaging system based on a microservices architecture.

LANGUAGES & SOFT SKILLS

Languages: French (Bilingual), English (Advanced)
Soft Skills: Autonomy, Teamwork, Adaptability, Communication.