

MASSIOUDATH BANKOLE

DEVSECOPS ENGINEER

CONTACT

- +33764480310
- bankchoukourath@gmail.com
- Mobility: France-wide
- Driving Licence (in progress)

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SKILLS

DevSecOps & Security

- AST, SCA, DAST
- OWASP Top 10
- DefectDojo
- Vulnerability Management
- Penetration Testing
- IAM & SSO
- Security Hardening
- Secure CI/CD
- Secrets Management
- SSL/TLS

Cloud & Systems

- AWS, Azure, GCP, OpenStack
- Linux (Ubuntu, Debian, Red Hat), Windows Server
- Docker, Kubernetes, Terraform, Ansible
- VMware, Hyper-V, HAProxy, Postfix
- DNS, DHCP, VPN, LDAP, Apache Guacamole

Development & Databases

- Python (Django, Flask, FastApi), Bash, PowerShell, C#
- Node Js, TypeScript, React.js
- Nginx, Apache
- MySQL, PostgreSQL, MongoDB

Observability & Monitoring

- Prometheus, Grafana, Datadog
- Zabbix, Nagios, Centreon

Virtualization

- VmWare, Virtualbox,
- Hyper-v

SOFT SKILLS

- Proactive and solution-oriented
- Adaptable and quick learner
- Strong team player
- Results-driven

LANGUAGES

- French: Fluent
- English: Professional

PROFILE

DevSecOps engineer specializing in securing application deployments and cloud infrastructure. Experienced in designing secure CI/CD pipelines (SAST/SCA/DAST) and Kubernetes/Terraform automation. Experienced in managing end-to-end security issues, from defining controls to remediation in production. Author of the technical blog [thejournalofanethicalhacker.com](#).

EDUCATION

Engineering Degree	2026
Cybersecurity Specialization ECE Paris	
Bachelor's Degree	2020
Systems, Networks and Cybersecurity ESGI Paris	
Certifications	
EBIOS RM - (ANSSI)	2026
MOOC Project Management - Project Team Specialization (MEP)	2023

EXPERIENCES

DevSecOps Engineer	2024 - 2026
<i>ITNET Technologies(Cergy)</i>	
- Designed, developed, and deployed Node.js and FastAPI applications end-to-end, integrating secure GitLab CI/CD pipelines with SAST, DAST, SCA, and Container Scanning controls, while automating deployment workflows using Docker. - Implemented secure remote access (SSH/RDP/VNC) with SSO through Apache Guacamole and integrated it into a third-party application, improving access control and connection traceability. - Industrialized AXMARIL deployments through Debian package creation, reducing deployment time across Linux environments. - Ensured maintenance and security of production Linux infrastructures on OVH/OpenStack environments, including the automation of SSL/TLS certificate renewals on a multi-domain HAProxy infrastructure.	
Backend Developer	June 2024-August 2024
<i>CHU TOURS (Tours)</i>	
Designed and developed backend services in collaboration with healthcare teams, transforming business requirements into scalable software solutions to streamline clinical and operational workflows.	
Systems Administrator & DevOps	2022 - 2023
<i>AXETAG SAS (Freelance)</i>	
- Administered Linux infrastructures and network services (DNS, Postfix), implementing replication and monitoring mechanisms to improve service reliability. - Deployed and monitored services using Zabbix, Nagios, and Centreon, enhancing infrastructure availability and operational visibility. - Automated application deployments using GitHub Actions and Docker, with deployment and configuration of applications on Nginx servers.	
Full-stack Web Developer	December 2022-March 2023
<i>ISOCEL TELECOM</i>	
- Developed a Python-based inventory management application to streamline the tracking and management of network equipment. - Designed and implemented a BTS geolocation solution, improving network infrastructure supervision and facilitating technical maintenance operations.	
Systems Administrator & DevOps	June 2020 - June 2021
<i>Internet Society Bénin (ISOC)</i>	
- Managed DNS infrastructures and deployed monitoring solutions (Zabbix, Nagios, Centreon), enhancing service availability and infrastructure visibility. - Automated CI/CD deployment workflows using GitHub Actions and Docker, with application deployment and management on Nginx environments.	

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DEVSECOPS ENGINEER | ADDITIONAL HANDS-ON SKILLS

This page completes the original CV with recent hands-on work carried out through the blog and lab environment. The first page remains the original CV content.

OPENSTACK PRIVATE CLOUD

- Installed, configured and deployed OpenStack in a lab/private cloud environment.
- Used Keystone, Nova, Neutron, Glance, Cinder and Horizon for identity, compute, networking, image management, block storage and dashboard operations.
- Created and managed virtual machines, images, networks, subnets, routers and security-related access flows.
- Configured Floating IPs, created snapshots and validated instance lifecycle operations through Horizon.
- Administered block storage and troubleshooted a real Cinder/LVM incident impacting volume operations.

DEVSECOPS, CODE QUALITY AND DOCUMENTATION

- Produced practical documentation using the blog as a working base: SVN for Git developers, SonarQube quality/security analysis and SonarQube integration at Wayhost.
- Used SonarQube to analyze code quality, maintainability and security issues and make results understandable for a project team.
- Documented version-control workflows bridging Git habits and SVN practices for developers.
- Strengthened DevSecOps positioning around secure CI/CD, SAST/SCA/DAST, container scanning, vulnerability remediation and operational documentation.

UPDATED PROFILE SUMMARY

DevSecOps engineer specializing in secure application delivery, Linux infrastructure, private cloud operations and practical security documentation. Experienced in secure CI/CD pipelines, SAST/SCA/DAST controls, Kubernetes/Terraform automation, OpenStack operations and production remediation. Author of the technical blog thejournalofanethicalhacker.com.

RECENT TECHNICAL EVIDENCE

OpenStack lab	Horizon, Keystone, Nova, Neutron, Glance, Cinder, VM lifecycle, networks, routers, Floating IPs, snapshots, block storage and Cinder/LVM troubleshooting.
SonarQube docs	Quality and security analysis, integration notes and practical workflow documentation for team use.
SVN docs	Developer-focused documentation connecting Git practices with SVN workflows.

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