

ALMAMY BEN COULIBALY, MSc, CAPM

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Cocody Ambassades
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PROFIL

DevSecOps Engineer with 7+ years building and securing cloud-native infrastructure on AWS, GCP and Digital Ocean. Expert in Kubernetes hardening, Terraform automation, and CI/CD security (ArgoCD, GitLab). Reduced production vulnerabilities through integrated security tooling. Strong Python and Bash automation skills. ISO 27001 implementation experience. Remote-ready, fluent in English and French.

TECHNICAL SKILLS:

- **Security:** SAST/DAST/SCA (Snyk, SonarQube, OWASP ZAP, Trivy), Secure Code Review, API Security, OWASP Top 10, Secrets Management, Penetration Testing, SIEM configuration & monitoring, security orchestration & automation
- **Cloud & Infrastructure:** AWS, GCP, Terraform, Kubernetes, Docker, ArgoCD, CI/CD Pipelines, Zero Trust Architecture
- **Compliance & Frameworks:** ISO 27001, ISO 27017, PCI-DSS, MITRE ATT&CK, Policy-as-Code (OPA, Checkov, Terrascan)
- **Programming & Databases:** Python, Go, Bash, SQL, PostgreSQL, Django, FastAPI, database security controls

PROFESSIONAL EXPERIENCE

DATAKORI

Abidjan, Côte d'Ivoire (Paris HQ)

International cybersecurity & data consulting firm

Tech Lead – Software, Data & Security Engineering

Sep. 2025 – Present

- Lead engineers delivering security solutions for enterprise clients in finance, telecom, and government sectors
- Design secure application architectures and provide technical security consulting to C-level stakeholders
- Partner with development teams to define secure guardrails and embed security into software delivery lifecycle
- Manage distributed teams across GMT+0 to GMT+2 time zones with async-first collaboration practices

Cybersecurity & DevSecOps Engineer

Mar. 2024 – Sep. 2025

- Integrated SAST, DAST, and SCA tools into CI/CD pipelines, reducing production vulnerabilities by 70%; conducted security-focused code reviews in Python codebases
- Performed security assessments of public-facing APIs, identifying and remediating authentication flaws, injection vulnerabilities, and data exposure risks
- Implemented centralized secrets management solutions, eliminating hardcoded credentials and improving security posture across development teams
- Conducted security reviews across AWS/GCP environments, remediating IAM misconfigurations and network security gaps

- Hardened container deployments with Pod Security Standards, network policies, and secure CI/CD automation using ArgoCD
- Developed secure Terraform templates with policy-as-code validation (Checkov, Terrascan) to prevent misconfigurations before deployment
- Assisted with ISO 27001 audit preparation and remediated non-conformities identified during certification processes

ORANGE S.A.

Jul. 2023 – Sep. 2023

Cybersecurity Analyst (Contract)

Abidjan, Côte d'Ivoire

- Automated authorization review processes, improving GRC department efficiency by 80%
- Delivered enterprise-wide security awareness training, reducing successful phishing incidents
- Conducted penetration testing and vulnerability assessments across telecommunications infrastructure serving millions of users

MAILLOT.PRO

Dec. 2018 – Sep. 2022

Software Engineer

Abidjan, Côte d'Ivoire

- Built secure APIs and microservices using Python (Django) and PHP (Laravel), implementing security by design principles from architecture through deployment
- Embedded security testing and code review processes into Agile workflows, reducing production security defects by 25%
- Led cross-functional development teams, establishing secure coding standards and mentoring junior engineers on security best practices

WIREFICK LLC.

Aug. 2020 – Mar 2021

Software Engineer (Remote)

Markham, ON, Canada

- Built, managed and maintained web applications and teams for African and North American clients using Python and modern DevOps practices

KNOWNHOST LLC.

June 2016 – June 2017

Technical Support Specialist (Hybrid)

Birmingham, AL, USA

- Provided Linux server administration and technical support for Latin America and US-based managed hosting clients

University of Alabama at Birmingham Center for Healthy Aging

Jan 2015 – Aug 2015

IT Support Specialist

Birmingham, AL, USA

- Delivered IT support for university research center; managed workstations and user accounts

EDUCATION

MSc. Security – Cybersecurity & Artificial Intelligence

Nov. 2024

Institut National Polytechnique Houphouët-Boigny (INPHB)

Yamoussoukro, Côte d'Ivoire

Full-time studies: Sep. 2022 – Jul. 2023, Sep. 2023 – Nov. 2024

BSc. Computer Science (Magna Cum Laude)

Jul. 2020

International University of Grand-Bassam

Grand-Bassam, Côte d'Ivoire

Including 24 credits completed at University of Alabama at Birmingham, USA