

KELIAN DE MOURA

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OBJECTIVE

Computer Engineering Apprentice with a strong focus on Cloud Security & DevSecOps, seeking a 6-month international internship starting June 2026 to build and secure scalable cloud architectures.

EDUCATION

Master of Computer Science (Engineer's Degree), CESI Expected Sept 2028
Relevant Coursework: Systems Security & Administration, Distributed Application Development (React, Node.js, Docker, CI/CD), Software Engineering (C#).

Integrated Preparatory Cycle in Computer Engineering, CESI Sept 2023 - Jul 2025

SKILLS

Cloud & DevSecOps	AWS (IAM, EC2, S3, Route 53, ACM), Terraform, Docker, CI/CD, SAST, SCA (Trivy, Semgrep).
Infrastructure & Security	Linux Administration, Active Directory, GPO, Secret Scanning (Gitleaks).
Software Development	JavaScript/TypeScript, React, Node.js, Express, Python, PHP.
Certifications	AWS Certified Solutions Architect - Associate (Expected Oct 2026).
Languages	French (Native), English (Professional Working, TOEIC in progress), Portuguese (Basic).

EXPERIENCE

Computer Engineering Apprentice Oct 2025 - Present
Exxelia *Illange, France*

- Architected secure CI/CD pipelines incorporating SAST, SCA, and secret scanning (Gitleaks, Semgrep, Trivy, Depcheck) alongside unit/integration testing, cutting delivery time by 6h/week while enforcing security gates.
- Engineered an Edge AI computer-vision solution (YOLO Medium) for quality control, projecting €90k annual savings. Enforced on-premise training for zero cloud exposure, complying with DGA regulations.
- Developed a GDPR-compliant full-stack application (React, Node.js) to digitalize operator management, replacing a third-party tool and saving €70,000 annually.
- Engineered a quality assurance tool enforcing mandatory test reporting for aerospace components, ensuring 100% compliance with strict ESA standards.

IT Intern Apr 2025 - Jul 2025
Exxelia *Illange, France*

- Built and deployed a YOLO-based Proof of Concept on a Raspberry Pi to simulate embedded production, processing 30 images/minute.
- Designed UI and data workflows for a digitalization tool, driving a paperless transition that reduced environmental impact and saved €12,000 annually.

PROJECTS

Cloud-Hosted Personal Portfolio: Architected a serverless AWS portfolio (S3, CloudFront OAC). Achieved a 100% HTTPS architecture with TLS via AWS Certificate Manager and DNS via Route 53.

LEADERSHIP & EXTRA-CURRICULAR

- **Board Member & Clubs Liaison, CESI Sports Association:** Liaised between executive leadership and 5+ club presidents to unblock administrative bottlenecks.