

Kevin Sidbon

DevOps Engineer | Software Engineer

US 480-749-6853 | FRANCE 06-95-99-19-64

kevin.sidbon@gmail.com

 gitlab.com/kevin.sidbon  linkedin.com/in/kevin-sidbon  www.kevinsid.com

Professional Experience

- 2024 - 2026 **Software Developer & Technical Educator** - Independent Contracts, United States
- Built and tested Python/Java frameworks plus third-party integrations for gamification and education, using Git, pytest/unittest, and JUnit to streamline lesson preparation, grading, and progress tracking.
 - Designed technical curricula and delivered remote programs for various companies (AirTutors, CodeWizards...).
- 2020 - 2023 **Software Developer & Curriculum Designer** - CodaKid, Scottsdale, AZ
- Developed educational applications in Python, Java, and Lua, using Gradle for build automation and dependency management while integrating custom systems with third-party software for gamification and educational purposes.
 - Automated grading and validation with unit tests while shipping features with product and education teams in an Agile workflow.
- 2017 - 2020 **Founder & Software Developer** - Engineer Success, Tempe, AZ
- Managed AWS infrastructure for student servers and maintained software across framework versions.
 - Used REST APIs in Java and Python tools to automate workflows while supporting client coordination and program launches.
 - Built embedded systems and custom hardware prototypes, including educational robots and a touchscreen tablet.
 - Collaborated with cities and educational organizations, including the City of Tempe and BASIS Schools, to deliver educational software and programs.

DevOps Projects

Full case studies and updates: www.kevinsid.com

Taiga Deployment	Deployed Taiga on AWS EKS with Terraform, Kubernetes, GitLab CI/CD, managed data services, security controls, and Prometheus/Grafana observability.
Spring Vet Clinic + Keycloak	Integrating centralized authentication and authorization into a Spring-based application with Keycloak.
Open edX Deployment	Building a repeatable deployment workflow for the Open edX learning platform and its supporting services.
MoleCrab - Personal MLOps Project	Exploring reproducible model development, packaging, delivery, and operations through a personal MLOps workflow.

Education

- July 2026 **Bachelor in DevOps Systems Administration** - French Ministry of Labour, France
- 2016 - 2019 **Bachelors in Software Engineering & Philosophy** - Arizona State University
- 2018 - 2019 **Fulton Undergraduate Research Initiative** - Autonomous Collective Systems Laboratory

Certifications

Cloud & DevOps Engineer Certificate - La Capsule	
AWS Certified Solutions Architect - Associate - In progress	Q3-Q4 2026
Certified Kubernetes Administrator (CKA) - In progress	Q3-Q4 2026

Technical Skills

CLOUD & PLATFORM	AWS, Linux, Docker, Docker Compose, Kubernetes, Helm, Terraform, Ansible
DELIVERY & OBSERVABILITY	Git, GitHub/GitLab, CI/CD pipelines, Jenkins, Prometheus, Grafana
DEVELOPMENT	Python, Java, JavaScript, Bash, Lua, SQL, HTML/CSS, APIs
ENGINEERING	OOP, data structures, algorithms, modular design, debugging, unit/integration/E2E/code-validation testing
COLLABORATION	Agile development, Jira, Confluence
LANGUAGES	English/French bilingual; Tagalog basic