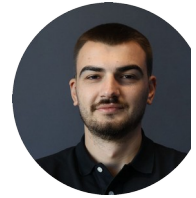


Laert Kokona

SENIOR SOFTWARE ENGINEER

Tirana, Albania | laerti98@gmail.com | laertkokona.dev



PROFESSIONAL SUMMARY

Senior Software Engineer with 6+ years of experience delivering backend and full-stack SaaS and enterprise systems using Java, Python, Go, TypeScript, React, and AWS. Experienced in multi-tenant architectures, cloud infrastructure, observability, application security, CI/CD, and production support. Uses AI-assisted Spec-Driven Development to accelerate delivery while retaining responsibility for architecture, technical decisions, validation, code quality, and production readiness.

TECHNICAL SKILLS

Languages: Java, Python, Go, TypeScript, Ruby, JavaScript

Backend: Spring Boot, Spring Security, FastAPI, SQLAlchemy, Ruby on Rails, Gin, GORM, JPA, Hibernate, REST APIs

Frontend: React, Next.js, Vite, Tailwind CSS, SvelteKit

Data: PostgreSQL, MySQL, Oracle Database, MongoDB, Redis, Elasticsearch

Cloud & Infrastructure: AWS, AWS CDK, CloudFormation, Terraform, ECS, Google Cloud, Docker, Podman, Kubernetes, LocalStack

Observability: OpenTelemetry, AWS X-Ray, CloudWatch, Grafana, Micrometer, distributed tracing, structured logging, metrics, dashboards, alerting

Security & Authentication: OAuth 2.0, OIDC, SAML, Keycloak, Spring Security, passwordless OTP, PostgreSQL Row-Level Security

DevOps & Quality: GitHub Actions, GitLab CI/CD, Playwright, Jest, SonarQube, infrastructure as code

Messaging & AI Engineering: Apache Kafka, Amazon SQS, EventBridge, Sidekiq, SMPP; Spec-Driven Development, Claude Code, MCP, agent skills and review subagents

PROFESSIONAL EXPERIENCE

Senior Software Engineer - B2B Consultant

ISA Consulting Group L.L.C. | Mar 2026 - Present | Remote from Tirana, Albania

B2B consulting engagement for a US legal-tech client, delivering two SaaS products across backend services, frontend applications, cloud infrastructure, and third-party integrations.

- Build and enhance a greenfield multi-tenant platform for FOIA, DSAR, and public-records request management, with tenant isolation enforced through PostgreSQL Row-Level Security.
- Develop REST APIs and backend services using Python, FastAPI, async SQLAlchemy, PostgreSQL, and Redis, alongside accessible and internationalized React and TypeScript interfaces.
- Work with SAML, OIDC, passwordless email OTP, public search, agency dashboards, document workflows, scheduled background processing, and third-party integrations.
- Deliver full-stack functionality for an established e-discovery platform using Ruby on Rails, React, TypeScript, Elasticsearch, MongoDB, MySQL, Redis, and Sidekiq.
- Use an AI-assisted Spec-Driven Development workflow with Claude Code and MCP integrations, while retaining responsibility for specifications, architecture, validation, testing, code quality, and production readiness.
- Create reusable agent skills and review workflows for security, database migrations, API contracts, test coverage, linting, and formatting.

Software Developer

Lufthansa Industry Solutions sh.p.k | Feb 2023 - Present | Tirana, Albania

Deliver backend and full-stack enterprise applications, AWS infrastructure, deployment automation, observability, and production-reliability improvements.

- Design, develop, test, deploy, and maintain enterprise applications using Java, Go, TypeScript, Spring Boot, React, and Next.js.
- Implement infrastructure as code using AWS CDK and CloudFormation, including Amazon ECS deployments and supporting AWS resources.
- Build observability capabilities with OpenTelemetry, AWS X-Ray, CloudWatch, Grafana, and Micrometer.
- Implement distributed tracing, trace-correlated structured logging, application and infrastructure metrics, operational dashboards, alerts, and CloudWatch alarms.
- Design and maintain CI/CD workflows using GitHub Actions and GitLab, and investigate production incidents, performance issues, application defects, and dependency vulnerabilities.
- Support containerized development and deployment using Docker, Podman, Kubernetes, PostgreSQL, and MongoDB.

Software Developer

Tetra Solutions Sh.p.k | May 2020 - Feb 2023 | Tirana, Albania

- Developed and maintained enterprise applications using Java, Spring Boot, Spring Security, Hibernate, JPA, and React.
- Designed REST APIs, application layers, and relational database models following maintainability and security best practices.
- Implemented asynchronous and event-driven functionality using Apache Kafka and integrated systems through SMPP.
- Worked with PostgreSQL, MySQL, and Oracle Database across feature development, production support, and defect resolution.

SELECTED PROJECT

Buku - Appointment and Discovery Platform

Personal Product | Active Development | Tirana, Albania

- Designing a multi-application SaaS ecosystem with separate customer, business, and administration experiences for service-based businesses.
- Building backend services in Go with PostgreSQL and Redis, a Next.js web application, and React Native mobile applications.
- Designing workflows for service discovery, staff availability, appointment booking, business management, reviews, media, and notifications.
- Using Docker and Podman for containerized local development, with AWS deployment architecture planned for scalable production hosting.

FrigoCold WMS - Warehouse Management Platform

Personal Product | Active Development | Tirana, Albania

- Building an internal warehouse management system for refrigerated meat import and distribution workflows.
- Developing the application with Next.js, TypeScript, Prisma ORM, and PostgreSQL, including inventory, reporting, and role-based operational workflows.
- Using AI-assisted development and document-label extraction to reduce repetitive data-entry work and accelerate delivery.

EDUCATION

Bachelor's Degree in Computer Science | University of New York Tirana | 2017 - 2021

LANGUAGES

Albanian - Native | **English** - C1 | **Italian** - B2