

Summary

Software Engineer with strong experience in building scalable, configurable, and production-ready platforms. Skilled in designing systems that replace manual workflows with automation, including multi-tenant architectures, dynamic form builders, and event-driven workflow engines. Comfortable owning complex technical problems end-to-end—from architecture and data modeling to frontend integration and performance optimization. Known for writing clean, maintainable code, improving team processes, and collaborating effectively across product, engineering, and QA to deliver reliable features at scale.

Education

Canadian Institute of Technology

Bachelor of Software Engineering

Tirana, Albania - 2022 - 2025

Hobby Projects

Deluxo Marketplace

In progress

A full-stack e-commerce marketplace for electronic and digital products that I built end-to-end with the help of AI tools. The platform supports product browsing, dynamic pricing, cart and checkout flows, order management, invoice generation, and a secure multi-step authentication system. It includes a complex payment infrastructure, real-time order and price updates, and live chat powered by WebSockets for instant user support. I developed scalable backend logic for users, products, orders, and transactions, along with admin tools for managing inventory, pricing, and users. This project showcases my ability to build production-ready systems by combining modern web technologies with AI-assisted development.

Personal Porotolio

<https://www.klevin.dev>

A modern, responsive developer portfolio website built with React, developed with the help of AI tools. The site features smooth single-page navigation (About, Skills, Projects, Contact), a curated projects showcase, a skills and expertise section, and clear call-to-actions including Get in Touch and Download CV. It includes a fully functional contact system with server-side email handling, allowing visitors to send messages directly through the website. The portfolio is optimized for performance, accessibility, and clean UI, serving as a central hub to present my projects, technical skills, and professional profile.

Work Experience

Software Engineer – ISA Consulting

Oct 2023 - Present

Onna Technologies (Outsourced via ISA Consulting)

Oct 2023 – Sep - 2025

- Frontend & Backend Engineering / API Development:**
Worked on the development and maintenance of backend services using **Python** and **FastAPI**, contributing to scalable, production-ready REST APIs used across internal and client-facing platforms. Focused on clean architecture, reusability, and reliability.
 - Business Logic, Data Flow & System Reliability:**
Implemented complex business logic, data validation, and service-to-service communication. Focused on predictable behavior, clear error handling, and performance-aware implementations in production environments.
 - Automation, Integrations & AI Services:**
Built automation pipelines and AI-powered services using n8n and in-house ML model training, including a **DistilBERT**-based NLP classification service for content analysis and workflow decision-making. Exposed models via FastAPI and integrated internal systems and third-party APIs, handling batching, retries, and conditional execution to streamline operational processes.
 - Frontend Contributions:**
Built the UI for an API deprecations monitoring tool that detects breaking and upcoming changes in third-party APIs (like Atlassian). Developed the interface, connected it to backend services and the database, and integrated Jira, **n8n** workflows, and cron jobs to automate the entire pipeline, including automatic Jira ticket creation when deprecations are found.
 - Code Quality, Reviews & Clean Architecture:**
Actively participated in code reviews, enforcing clean code principles, consistent style, and best practices. Known for writing readable, well-structured, and testable code, while also reviewing teammates' work to improve overall codebase quality.
- ### Platform Services (via Onna Technologies)
- Sep 2025 - Present
- Outsourced to Platform Services, contributing to a large-scale dynamic workflow automation platform used across legal and operations teams.
 - Platform API Design & Exposure:**
Designed and implemented critical platform endpoints and exposed enterprise-level connectors (including Microsoft, Slack, Google, and Box) for internal team consumption. Built automated scripting mechanisms that allow teams to provision and expose connectors end-to-end by running a single script, handling workspace creation, collections, folders, user wallets, and related resources without manual intervention.
 - Dynamic OpenAPI Specification Generation:**
Implemented and maintained automatic OpenAPI specification generation, where API definitions are dynamically derived from code changes. Ensured that documentation stayed fully in sync with the actual behavior of services, reducing integration errors and manual documentation effort.
 - Cross-Team Enablement & Integration Support:**
Played an active role in refactoring both **React** and **Rails** codebases to follow modern standards. Ensured reliability and maintainability through code reviews, automated tests (**e2e with cypress**) (including per-card test structures), and participation in sprint planning and engineering process improvements.
 - API Contracts, Versioning & Backward Compatibility:**
Defined and enforced API contracts, validation rules, and versioning strategies to support safe API evolution. Paid particular attention to backward compatibility and minimizing breaking changes for dependent teams.
 - Code Quality & Standards:**
Played an active role in refactoring **Python** codebase to follow modern standards. Ensured reliability and maintainability through code reviews, automated tests (**e2e with cypress**) and participation in sprint planning and engineering process improvements.