

SAN-LAMAMBA POPODA

Applied AI Engineer · Fullstack Software Engineer

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Français (C2), Anglais (C2) · Python, TypeScript, JavaScript · React, Next.js, Vue.js, Node.js · LangChain/LangGraph, RAG, Computer Vision · Docker, Terraform, AWS, GCP

PROFESSIONAL SUMMARY

Bilingual (FR/EN) fullstack software engineer with hands-on experience integrating AI models into production applications for enterprise clients such as SNCF and LVMH. Skilled at translating complex business needs into scalable full-stack solutions across front-end and back-end systems, from pre-sale scoping to post-deployment support.

Proven track record delivering customer-facing AI products like a computer vision platform covering 160K+ assets and chatbot systems handling ~2,000 API calls/hour for a dozen enterprise clients aligned with production-grade quality at scale.

KEY SKILLS

Languages: Python, TypeScript, JavaScript, Java

Frontend: React, Next.js, Vue.js, Angular

Backend: Node.js, FastAPI, Spring Boot, REST APIs

AI/ML: LangChain/LangGraph, RAG, Computer Vision (YOLO), Prompt Engineering

AI Infra: LLM APIs (Mistral, OpenAI, Anthropic), Vector Databases, Embeddings

Cloud: GCP (BigQuery), AWS, Docker, Terraform

DevOps: GitHub Actions, CI/CD, Kubernetes

EDUCATION

MSc Software Architecture: AI & Data Science (Bac+5) · Épitech Paris

BSc Computer Science – Programming & Development (Bac+3) · SUPINFO

PROFESSIONAL EXPERIENCE

Software Engineer – Athoria (*client: SNCF*)

Oct. 2024 – Present

- Scoped and architected a computer vision solution covering **160,000+** railway assets at launch, enabling ~20,000 field users across 5 teams (beta) to identify asset specifications from captured images in real time.
- Engineered an incremental training pipeline reducing new asset onboarding from **~3 hours** (full YOLO model retraining) to **~10 minutes**, ensuring rapid scalability as the asset catalog grows.
- Partnered with SNCF domain experts to translate operational needs into AI-driven product requirements, delivering POC to production in **6 months** within a team of 4.
- Delivered end-to-end full-stack integration bridging image capture, AI inference, and asset data systems across front-end and back-end layers.

Technologies: Python, React, Next.js, YOLO, Computer Vision, REST APIs

Software Architect (Data) – Orange France

Sep. 2024 – Oct. 2024

- Managed and optimized the Datalab platform on GCP, enforcing cost controls, quota governance, and security policies across multiple engineering teams.
- Architected an end-to-end pipeline for ingesting, processing, and visualizing large-scale electrical telemetry data (**20 M+** records), reducing manual data preparation time for analysts.
- Translated business requirements into actionable analytical use cases, accelerating stakeholder decision-making and operational efficiency.

Technologies: Dataiku, GCP (BigQuery), ETL, Python, GIS, Selenium/Playwright

Full-Stack Developer – Cleed AI

Dec. 2023 – Aug. 2024

- Developed and deployed backend services powering a chatbot platform serving **~12 enterprise clients** including LVMH, Maison Francis Kurkdjian, and Hôpital Bicêtre, handling **~2,000 API calls/hour**.
- Implemented secure payment integration encompassing subscriptions, billing workflows, and tiered access controls across the client base.
- Authored technical documentation and a mentoring framework that reduced new collaborator onboarding time from **3 weeks to 1 week**.
- Partnered with product and UX teams to deliver technical solutions aligned with the product roadmap.

Technologies: Node.js, React, Next.js, Python, LangChain, Docker, AWS

Full-Stack Developer – FAM DIGITAL

Jun. 2022 – Aug. 2023

- Developed and maintained full-stack web applications using Java Spring Boot, React, and Angular across multiple client projects.
- Implemented unit and integration testing suites with JUnit and Jest, preventing regressions across releases.
- Built cross-platform mobile prototypes with React Native, enabling rapid user testing and feedback cycles.

Technologies: Java (Spring Boot), React, Angular, Jest/JUnit, GitHub Actions, AWS

Full-Stack Developer (Intern) – Way2Call

Mar. 2022 – Jun. 2022

- Developed an internal onboarding application with Electron, building both frontend and backend components.
- Established a CI/CD pipeline using GitHub Actions, automating builds and deployments.
- Gathered requirements from HR and IT stakeholders, iterating on UI/UX based on cross-functional feedback.

Technologies: Electron, Node.js, JavaScript, GitHub Actions, Kubernetes, AWS

Frontend Developer (Part-time) – FO.CUS

Apr. 2020 – Jan. 2022

- Developed WordPress themes and plugins with dynamic content (ACF) and REST API integrations.
- Engineered modular, tested components in React and React Native for reuse across projects.
- Delivered pixel-perfect implementations adhering to WCAG accessibility standards and SEO best practices.

Technologies: WordPress, React, Next.js, PHP, Vue.js, React Native

CERTIFICATIONS

- AWS: **AWS Certified Solutions Architect – Associate (SAA-C03)** – 2025
- OpenJS Foundation: **Node.js Services Developer (JSNSD)** – 2025
- Google Cloud: **Associate Cloud Engineer** – 2025
- PwC: **Handimangement Certificate** – 2024

REFERENCES

Martin Laune – Senior Business Development Consultant, Orange France (Manager)
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