



Driss Iammaren

Full-Stack & Automation Engineer (Next.js / Python / VPS)

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Profiles

LinkedIn **ComeUp** **Github**

Summary

Software Engineer with an EPITA Master’s degree, experienced in web development, Python automation and AI-powered applications. Skilled in Next.js, TypeScript, Python, APIs, Docker and VPS deployment. Experienced in taking projects from development to production, as well as in IT project management and team coordination.

Education

California State University of Los Angeles (CSULA)

Los Angeles, USA • January 2022 - June 2022
Computer Science

Karlsruhe Institute of Technology (KIT)

Karlsruhe, Germany • October 2024 - April 2025
Computer Science

Master of Science in Computer Engineering (EPITA)

Paris, France • 2019 - 2025
Computer Science

Experience

FREELANCE

Fullstack & Automation Engineer (Independent / Side Business) Remote
January 2026 - Present

- **Strategic Support:** Consulting for international clients on high-impact automation and custom cloud infrastructure (VPS/Docker).
- **Rapid Prototyping & Delivery:** Engineered and shipped **15+ production-grade MVPs**, leveraging **Next.js 14** and **Supabase** to meet aggressive market-entry deadlines.
- **Workflow Optimization:** Developed **autonomous Python-based engines** (Selenium/Puppeteer), automating complex data scraping pipelines and reducing manual overhead by **80%** for key clients.
- **Performance-First Apps:** Built full-stack applications with a focus on **Core Web Vitals**, achieving high SEO rankings and extreme rendering speeds via **App Router** optimization.

FRCI Mauritius

Software Engineer Intern Phoenix, Mauritius
January 2026 - July 2026

- Developing enterprise-level **M365 applications** and custom webparts using **SPFx, React, and TypeScript**.
- Architecting complex business workflows with **Power Automate**, integrating custom REST APIs to extend SharePoint functionality.
- Collaborating with clients to translate business requirements into technical specifications and interactive UI components.

CGI France

Delivery Project Manager Assistant Paris, France
April 2025 - October 2025

- Coordinated a cross-functional team of developers within an **Agile/SAFe** framework for large-scale enterprise software delivery.
- Optimized delivery pipelines and governance documentation, ensuring high-quality code standards and adherence to project milestones.
- Facilitated key technical committees to bridge the gap between business stakeholders and development sprints.

Projects

Enterprise E-Learning Platform (Confidential / NDA)

December 2025 — Present

- **Architecture Design:** Architecting a scalable LMS for a high-traffic creator, focusing on **secure content delivery** and multi-role access control.
- **Financial & Logic Layer:** Implementing robust **Stripe payment orchestration** (subscriptions/webhooks) and a private member ecosystem using **Next.js 14 Server Actions**.
- **Data & Scaling:** Optimized **Supabase real-time subscriptions** for student engagement tracking and integrated **Resend** for automated, transactional email scaling during peak traffic.

Proprietary Financial Modeling Engine (Sports Markets)

October 2025 — November 2025

- Developed a private autonomous engine for detecting market inefficiencies through probabilistic modeling and **ETL pipelines**.
- Engineered a high-speed Python scraper for real-time data aggregation from multiple global bookmakers.
- Built a custom Telegram notification layer to deliver mathematical "Fair Value" insights based on real-time market shifts.

PepitePhotography – Photography Studio Showcase

June 2026 — July 2026

- Developed a high-performance **React web** application tailored to highlight the visual portfolio of a professional **photography studio** based in Mauritius.
- Integrated a comprehensive Headless **CMS architecture**, empowering the client with complete autonomy to update text, images, and layout elements without any coding required.
- Engineered a responsive, media-heavy user interface with **optimized image loading** and rendering techniques to guarantee excellent Core Web Vitals and SEO.

<https://pepitecreativelab.com/>

AutoRankos – Automotive Detailing Website

July 2026 - August 2026

- Architected a modern, **React-based web platform** for a car cleaning business in Vilnius, aimed at driving digital customer acquisition and local visibility.
- Implemented a **mobile-first, highly responsive UI/UX** to maximize conversion rates and streamline the service inquiry process across all devices.
- Applied modern web performance optimizations and **localized SEO** strategies to ensure fast rendering speeds and high ranking in the target market.

<https://www.autorankos.lt/>

Aoka – Conversational Assistant Integration

April 2026 - May 2026

- Engineered and integrated an **intelligent chatbot** into a diverse service exchange platform to dynamically guide users toward appropriate local service providers.
- Managed the **end-to-end implementation** across both frontend and backend architectures using **TypeScript and JavaScript**, ensuring a robust and seamless data flow.
- Designed the conversational logic and intent recognition flow to **accurately parse user requests** (e.g., home repairs, event planning) and output tailored recommendations.

Skills

Frontend Engineering

Advanced / Specialized
Next.js 14 (App Router), React.js, TypeScript (Strict Mode), Tailwind CSS, Framer Motion, Responsive Design, HTML5/CSS3

Backend & Automation

Advanced
Node.js, Python (Pandas), Web Scraping (Selenium Puppeteer), Webhooks, OAuth2, GraphQL, Stripe/PayPal Integration, Supabase/Firebase

DevOps & Cloud

Intermediate / Advanced
Linux VPS (Ubuntu), Docker, Vercel (CI/CD), Git, Github Actions, Cloud Deployment

Tools & Methodologies

Advanced
Postman, Agile/Scrum, Figma-to-Code, System Design, Docker Compose, CI/CD Pipelines

Certifications

Postman Student Expert

Postman March 2026
Completed the Postman Student Expert program, demonstrating proficiency in API development and testing using Postman.

Languages

English

C1 / Professional Proficiency

French

Native

Spanish

B1 / Limited