



DRISS IAMMAREN

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

✉ cafc.iammaren.driss@gmail.com ☎ [+230 70185243](tel:+23070185243) 📍 Phoenix, Mauritius
🌐 <https://drissiammaren.com>

Profiles

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Summary

Results-oriented Software Engineer (EPITA Master's) specializing in **Next.js 14** architectures and **Python-driven automation**. Proven track record of rapid delivery, transitioning from enterprise project management at CGI to building autonomous bots and high-performance web apps. Expert in end-to-end deployment (VPS/Docker) and API orchestration, focused on scalable, business-centric solutions.

Education

California State University of Los Angeles (CSULA)

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

Karlsruhe Institute of Technology (KIT)

Computer Science Karlsruhe, Germany • October 2024 - April 2025

Master of Science in Computer Engineering (EPITA)

Computer Science Paris, France • 2019 - 2025

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 **5+ production-grade MVPs** within 8 weeks, leveraging **Next.js 14** and **Supabase** to meet aggressive market-entry deadlines.
- **Workflow Optimization:** Developed **3 autonomous Python-based engines** (Selenium/Puppeteer), automating complex data scraping pipelines and reducing manual overhead by **80%** for key clients.
- **Performance-First Apps:** Built 2 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 - Present

- 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.

AI-Driven Predictive Analytics Bot

December 2025 — January 2026

- Designed an autonomous system integrating **Google Gemini LLM** to synthesize complex sports data points (lineups, injuries, momentum).
- Implemented a self-healing architecture with automated retry logic to ensure **99.9% uptime** for 24/7 data mining.
- Optimized the prompt engineering and API orchestration layer to transform raw statistics into technical, actionable reports.

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

Languages

English

C1 / Professional Proficiency

French

Native