



Social Media

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About

Passionate Full Stack Engineer with a focus on building scalable, high-performance web applications using Next.js and NestJS. Experienced in designing robust backends, efficient data systems with PostgreSQL/Prisma, and delivering business value through modern, maintainable software.

Languages

01 English - Fluent

02 French - Native

Idy Rachid Jonathan

Full Stack Engineer

Skills

Nextjs | Nestjs | API | Postgre SQL |
MongoDB | GraphQL | SEO | AWS |
DevOps | Software Architecture

Address

Goma, DR Congo
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Work Experience

System Engineer · MG Airlines (2024 · Present)

Responsible for the full lifecycle of critical airline technologies, including the development of key ticketing, plane tracking, and management software. Managing and monitoring check-in hardware and software systems, deploying optimal solutions, and monitoring their performance to ensure the reliability and efficiency of all flight operations. This position was centered on optimizing the passenger experience and managing the airline's technological assets.

Software Engineer · BBOXX (2022 · 2024)

Developing and maintaining software for the solar energy product repair process. This included writing low-level code in C/ASM for power supply units to ensure optimal hardware performance. The role involved collaborating with cross-functional teams to integrate new features and optimize systems, supporting the company's mission to provide clean energy.

Electronic Engineer · BBOXX (2020 · 2022)

Designing, developing, and testing the electronic systems and components for solar energy products. Creating circuits and schematics, and ensuring the reliability, performance, and safety of the final product. Collaborating with software and product teams to integrate into overall product architectures, helping to provide clean, affordable energy to off-grid communities

IT Support · Vodacom | Courage Services (2018 · 2020)

Educational History

Bachelor of Computer Science (2013 · 2017)
Bangalore University | India

Electronics Engineering (2006-2013)
High School Diploma | ITIG

Certifications

- Responsive Web Design (FreeCodeCamp 2023)
- JavaScript Algorithms and Data Structures(FreeCodeCamp 2023)
- Front End Development Libraries (FreeCodeCamp 2023)
- CCNA (InterBeing India)

Hobbies

- Basketball Coaching
- Reading
- Movies and Cartoons
- Electronic Repair

Projects

cerclesport.org · NextJs · MongoDB (2023)

Engineered a comprehensive sports data platform, inspired by ESPN, to modernize operations for my local sports league. This project was a complete transformation, migrating the entire league's functioning from manual paperwork to an efficient, online system. Using Next.js and MongoDB, I designed a robust and scalable solution for managing a wide range of sports information, including teams, players, and game data. The platform delivers a fast and SEO-friendly user experience, effectively streamlining administrative tasks and enhancing how the league operates.

Front-End: Next.js, Material UI, TailwindCSS

Database: MongoDB

DevOps: AWS, CI/CD, Git

Other: GraphQL, SEO

Website: <https://cerclesport.org>

Elenem · Full Stack SaaS (2025)

Engineered Elenem, a multi-tenant SaaS platform enabling sports organizations to manage their operations with custom branding and subdomain support. The project was designed as a scalable engine to power sports data websites. Built with Next.js for the front-end and a NestJS backend, the platform leverages PostgreSQL and Prisma to manage all tenant data. The core focus was creating a robust, white-label solution that empowers any league or team to have a professional online presence.

Front-End: Next.js, Shadcn, TailwindCSS

Backend: NestJS, NodeJs

Database: PostgreSQL, Prisma

DevOps: AWS, CI/CD, Git

Other: Vercel, Railway, Docker

Website: <https://elenem.site>
