

FORSANGAM WEYEGHO JUNIOR PRIESTLY

Full-Stack Software Engineer

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PROFILE

Full-stack software engineer who builds complete web applications with TypeScript, Next.js, NestJS and PostgreSQL. Recently built a truck spare parts e-commerce platform with secure authentication, oversell-safe checkout and payment gateway integration, and PharMap, a medicine and pharmacy finder for Cameroon. Two internships in WordPress and front-end development. Fluent in English and French. Available for full-time roles and for freelance projects through JPFWeb Services.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, PHP, Python, C, C++, C#, Ruby, SQL, HTML, CSS

Frontend: React, Next.js, Vite, Leaflet (maps), PWA, Responsive design, WordPress

Backend & data: Node.js, NestJS, REST APIs, JWT authentication, PostgreSQL, MySQL, Prisma ORM

Tools & DevOps: Docker, GitHub Actions (CI), Vitest, Vercel, Render, Neon, MinIO (S3), WSL2, Bubble

SEO & AEO: Technical SEO, AEO (AI search), Structured data (schema.org), Core Web Vitals, Google Search Console, Bing Webmaster Tools, Accessibility (WCAG)

PROJECTS

TruckParts: Truck Spare Parts E-commerce Platform

2026

Next.js, NestJS, TypeScript, PostgreSQL, Prisma, Docker, MinIO | [Live demo](#) · [Code](#) · [Case study](#)

- Built a full-stack store with a product catalogue, a "Find My Part" vehicle-compatibility lookup, and shareable search filters.
- Implemented JWT auth with refresh-token rotation and reuse detection, bcrypt hashing, rate limiting, and security headers.
- Designed an atomic checkout (database transactions, stock guards) that prevents overselling under concurrent orders.
- Built an admin dashboard (products, categories, brands, vehicles, orders) with image uploads to S3-compatible storage; integrated the Notch Pay payment gateway (sandbox) and an English/French interface.

PharMap: Medicine and Pharmacy Finder for Cameroon

2026

React, TypeScript, Vite, NestJS, PostgreSQL, Prisma, Leaflet | [Live demo](#) · [Case study](#) · [Code: private](#)

- Built a bilingual (EN/FR) PWA showing which nearby verified pharmacies stock a medicine, with price and freshness.
- Implemented role-based access (patient, pharmacy, admin), an admin verification state machine with an audit trail, and restock notifications fulfilled in the same transaction as the stock update.
- Integrated OpenStreetMap (Leaflet, Nominatim, Overpass) for locations; deployed on Vercel, Render (Docker) and Neon, with unit and end-to-end tests in CI.

Car Rental Booking Platform

2026

Next.js, TypeScript, Prisma, PostgreSQL, Auth.js | [Live demo](#) · [Code](#) · [Case study](#)

- Customers filter cars (category, transmission, fuel, price), sign in with Google or email, and book by the day.
- Added real-time availability checks that block double bookings, and show the full price before the customer submits.

Earlier Projects

2021 – 2023

- E-commerce sites (React, WordPress, Bubble); Qwasar C projects: a custom printf, a Mastermind game, a standard library.

WORK EXPERIENCE

Freelance Full-Stack Software Engineer, JPFWeb Services

2024 – Present

Douala, Cameroon & remote | *Started in my final year of university*

- Build websites and web apps for small businesses, from the first call to launch, including a WordPress site for a paying client.
- Find clients online and handle quotes, delivery and payment myself. Also offer SEO and AI search (AEO) audits and website maintenance.

Full-Stack Developer Intern, Eagle Consulting Group

2022 – 2023

Douala, Cameroon | *Paid internship, alongside my studies*

- Modernized, designed and debugged WordPress websites with the team, including custom plugins.
- Built dynamic websites for JFN Center, and a teacher evaluation form with Microsoft Forms.
- Turned designs into pages with senior developers, using HTML, CSS, JavaScript and MySQL.

Full-Stack Developer Intern, Bonthe Media

Jun 2022 – Sep 2023

Buea, Cameroon | *In person, during school holidays*

- Built responsive features and page layouts (HTML, CSS, JavaScript) with client services, sales, and design teams, on deadlines.

EDUCATION

BSc in Software Engineering, Douala

2023 – 2024

HND in Software Engineering, Douala

2022 – 2023

Full Stack Developer Program, Qwasar Silicon Valley (remote)

2022 – 2023

Baccalauréat TI (Computer Science), Douala

2020 – 2021