

LEONEL NGUEFACK

React Native Developer

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Authorized to work in Canada

PROFILE

React Native Developer with 4+ years of experience in creating production-grade mobile and web applications that serve more than 10,000 users. As a Co-founder of SoleasPay, I specialize in developing scalable solutions and integrating cutting-edge technologies, including AI, into seamless user experiences. My expertise lies in cross-platform app development, where I've successfully reduced deployment cycles by 40% and enhanced backend performance by 60%. Passionate about delivering value through technology, I thrive in Agile environments and excel in cross-functional collaboration, driving projects from ideation to implementation.

TECHNICAL SKILLS

SOFT SKILLS

Bilingual • Problem-Solving • Communication • Continuous Learning • Team Player • Time & Task Management

MOBILE & FRONTEND

React Native • React.js • Next.js • TypeScript • JS • HTML5 • CSS3 • Redux

BACKEND

Node.js • Python • PHP • WebSocket • Symfony • RESTful APIs • GraphQL • JWT

DATABASE & PERFORMANCE

MongoDB • MySQL • Redis • Elasticsearch • Caching Strategies

DEVOPS

Docker • Git • Nginx • CI/CD Pipelines • GitHub Actions • Linux Administration

CLOUD & AI (CURRENTLY LEARNING)

AWS • ECR • ECS • EC2 • S3 • IAM • Lambda • CodeDeploy • LLMs • LangChain/LangGraph • MCP • RAG • Vector DB

PROFESSIONAL EXPERIENCE

Full-Stack Mobile Developer

MySoleas

June 2022 - Present | Fulltime

- successfully drive the mobile development for cross-platform payment provider (React, React Native, TypeScript, Node.js) serving **10,000+ merchants** with **99.9% uptime** and seamless iOS/Android experience
- Built production RESTful APIs using Node.js/Express with JWT authentication and role-based access control for secure multi-tenant payment processing
- Implemented React plugin (SoleasPay Button plugin) reducing merchant integration time by **40%**
- Established automated CI/CD pipelines using GitHub Actions, reducing deployment cycles from hours to **minutes (60% improvement)**
- Optimized app performance through code splitting, lazy loading, and Redux state management, achieving < 60ms navigation transitions and smooth 60fps animations
- Collaborated with design team translating Figma prototypes to pixel-perfect responsive UI, increasing conversion rates by **25% YoY**
- Architected offline-capable transaction processing with local queue persistence and automatic retry mechanisms, ensuring reliable payment submissions even in poor network conditions
- Integrated Firebase Authentication, Firestore for real-time data sync, and Cloud Messaging for push notifications enabling instant payment alerts and merchant updates
- Increased system resilience and modularity by deploying backend, frontend, and other components in isolated **Docker** microservices
- Reduced API response times and database load by implementing **Redis-based caching** strategies
- I was responsible for the supervision of interns

Junior Full-Stack Mobile Developer

TheCodingMachine

December 2021 - December 2022 | Remote

- Implemented a pixel perfect interfaces for IKEA's internal messaging application.
- Developed enterprise admin dashboard using React.js with Symfony, managing user permissions and real-time monitoring
- Optimized backend with Redis caching and Elasticsearch, achieving **60% performance improvement** in API response times (from 800ms to 320ms average)
- Collaborated in Agile sprints with cross-functional teams (Product, UX, QA, Backend)
- Debugged and resolved critical production issues under pressure

PROJECTS

SensAi - AI-Powered Learning Platform

React Native (Mobile) • React.js (PWA) • Google Gemini AI • Node.js | 2024-2025

Cross-platform learning application with **1000+ active users** featuring AI-driven personalized learning experiences. Architected using **React Native** for mobile (iOS/Android) and **React.js/Next.js** for Progressive Web App. Integrated **LLM technologies (OpenAI and Google Gemini via LangChain)** to generate personalized coding roadmaps using RAG (Retrieval-Augmented Generation) patterns with vector database for context-aware learning paths. Designed complete UI/UX workflow in **Adobe XD and Figma**, creating wireframes and interactive prototypes with gamification elements including progress tracking, achievements, and animated mascot that **increased user retention by 20%**. Built **Node.js/Express backend with MongoDB** database and implemented comprehensive testing using **Jest and React Testing Library**. Established automated **CI/CD with GitHub Actions** for continuous deployment to App Store and Google Play. Currently exploring **AWS deployment (ECS, ECR)** for improved scalability and learning **MCP (Model Context Protocol)** for enhanced AI agent capabilities.

EDUCATION

Bachelor of Software Engineering

University of Buea, Cameroon

Graduated: 2020

CERTIFICATIONS

React Developer Nanodegree

Udacity | 2021