

Douglas Mosaka Nebongo

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Results-driven software engineer with 3+ years of experience in full-stack web development, database design, and system integration. Proficient in JavaScript/TypeScript, Python, and Django, with a proven track record of building scalable, secure, and user-friendly web applications. Passionate about solving complex problems and delivering user-centric solutions.

EXPERIENCE

August 2024- Present Full Stack Developer Freelance

- Designed PostgreSQL database schema for efficient financial data storage
- Implemented end-to-end encrypted messaging with secure authentication
- Integrated Sentry for comprehensive error tracking and performance monitoring
- Implemented multi-platform notification system
- Developed SEO-optimized blog post generation and metadata handling

April 2022- JUNE 2024 Full Stack Developer ForALL Founders Inc.

- Implemented progress tracking and certification generation features for an e-learning platform
- Created custom user authentication flow with role-based access control
- Built interactive quiz and assessment modules with real-time scoring
- Integrated Google Analytics API for comprehensive user behavior tracking
- Implemented modular template sections (Header, Testimonials, Footer)
- Built advanced search functionality with autocomplete using Django's search capabilities

June 2020 – April 2022 Power Systems Engineer

ENEO (ENERGY OF CAMEROON) DOUALA – CAMEROON

- Performed Energy Audit of Electrical Installations
- Designed system layouts, including substations, transformers, protection schemes
- Performed load flow, short circuit, and stability analyses
- Developed SCADA systems for real-time monitoring.

Dec 2018 – June 2020 Mathematics Tutor

ASPY, YAOUNDE – CAMEROON

- Delivered engaging lectures in Real Analysis I & II, Abstract Algebra, and Linear Algebra
- Taught advanced topics in Multilinear Algebra
- Integrated modern teaching tools, such as interactive simulations and graphing software

EDUCATION

SEPT 2013-
AUGUST 2018

NATIONAL ADVANCED SCHOOL OF ENGINEERING YAOUNDÉ (NASEY) -

SKILLS

- Programming Languages: Javascript/Typescript, C, Python 3.X, MATLAB
- Markup: HTML, Markdown
- Style: CSS, TailwindCSS
- Platforms/Frameworks/Libraries: React.JS, NextJS, Django, Sentry
- Database: PostgreSQL
- Tools: Sentry, Git, Docker

LANGUAGE

- English Language – Advanced[IELTS 8/9], French Language – Proficient [B2]