

# Tony Blondeau NYA

**Full Stack Software Engineer with 3+ years of experience building scalable web applications, REST APIs, and microservices in the e-commerce, SaaS, and consulting industries.**

Skilled in backend architecture, frontend integration, and DevOps workflows. Experienced with async development, automated testing, and clean API design. Worked with international teams across France, Canada, and Africa, delivering client-specific software solutions. Comfortable in freelance, remote or on-site roles.

## WORK EXPERIENCE

### *Freelance Software Engineer*

**Global - Remote**

**January/2023 - PRESENT**

- Developed and deployed a feature-rich **e-commerce web application** tailored for a local retailer, integrating secure checkout, inventory management, and responsive UI/UX across devices.
- Engineered a custom **car listing and sales platform** with search, filtering, and admin dashboard, optimizing performance and SEO for higher lead conversion.
- Designed and delivered a **bilingual glossary web app** (English/French) for Halifax University, Canada – enabling CRUD operations, search by domain, and relational linking between terms with secure admin dashboard access.
- Collaborated with stakeholders remotely to gather requirements, scope features, and iterate based on feedback; provided training and documentation for client handoff.
- Led the complete development lifecycle including API architecture, CI/CD setup, database design, and frontend integrations.

**Tech Skills:** Python, FastAPI, Flask, JavaScript, TypeScript, React, MongoDB, PostgreSQL, SQLite, Docker, Git, Tailwind CSS, Firebase, CI/CD

### *All In Open Source*

**Global - Remote**

### **Open Source Developer**

**November/2023 - February/2024**

- Completed a rigorous open source curriculum, gaining hands-on experience with Git, collaborative workflows, code reviews, and upstream contributions.
- Participated in professional development workshops focused on technical communication, portfolio building, and interview preparation.
- Collaborated in team-based hackathons, delivering innovative solutions under tight deadlines and showcasing proficiency in agile problem-solving and peer coding practices.

**Tech Skills:** Git, GitHub, Open Source Collaboration, Hackathon Development, Technical Communication

### *VisionVoice, Inc.*

**Global - Remote**

### **Web Developer**

**March/2023 - May/2023**

- Developed and maintained responsive web applications for VisionVoice's Access2TECH® programs, improving accessibility for underrepresented communities entering tech.
- Enhanced user experience by implementing intuitive UI components and optimizing frontend performance across multiple devices.

## CONTACT DETAILS

tonybnya@gmail.com

(+237) 697 79 88 53

[Link to my LinkedIn](#)

[Link to my GitHub](#)

[Link to my Portfolio](#)

Douala, Cameroon (open to relocate)

## TECHNOLOGIES

**Backend:** Python (4+ yrs),

JavaScript (3+ yrs)

**Frameworks:** FastAPI, Flask,

Django, Node.js

**Frontend:** JavaScript (3+ yrs),

TypeScript (2+ yrs)

**Frameworks & Styling:** React,

Angular, Tailwind CSS, Bootstrap

**Databases:** MongoDB (3+ yrs),

PostgreSQL (2+ yrs), SQLite (2+

yrs)

**DevOps Tools:** Docker (2+ yrs),

Git (4+ yrs), Firebase (1+ yr)

**Cloud:** Firebase (1+ yr), basic

experience with AWS, Render, and

Vercel

## CERTIFICATIONS

**AI Career Essentials, African**

**Leadership Experience –**

**Issued Apr 2024**

**JavaScript Algorithms and**

**Data Structures,**

**freeCodeCamp – Issued Apr**

**2024**

**All In Open Source**

**Contributor, GitHub – Issued**

**Feb 2024**

**Responsive Web Design,**

**freeCodeCamp – Issued Jan**

**2024**

**Learn Intermediate**

**TypeScript, Codecademy –**

**Issued Apr 2023**

**Front-End Web Development,**

**SAYNA Academy – Issued**

**Nov 2022**

- Contributed to the mission of fostering equity in tech by building tools that connected marginalized talent with career opportunities.

**Tech Skills:** HTML, CSS, JavaScript, React, UX/UI, Responsive Design, Accessibility Standards

**Problem Solving,**  
**HackerRank – Issued Jan 2022**

**Python, HackerRank – Issued Jan 2022**

## PROJECTS

### GloTechT — Freelance Full-Stack Developer [Live](#)

**English-French glossary application for disruptive technologies (Big Data, AI, Blockchain) for a PhD linguistics researcher.**

- Designed a comprehensive bilingual terminology management system with detailed metadata
- Implemented secure admin dashboard with full CRUD operations for glossary maintenance
- **Tech Stack:** Flask, SQLite, SQLAlchemy, Tailwind CSS, JavaScript, Flask-Admin

## LANGUAGES

**French** – Native

**English** – Intermediate (Working Proficiency)

### CodeForgeAI — Full-Stack Developer [Source](#) | [Live](#)

**AI-powered coding challenge platform that generates customized exercises by topic, language, and difficulty.**

- Integrated OpenAI's GPT for dynamic challenge generation
- Built full-stack solution with authentication and persistent storage
- **Tech Stack:** React, Vite, Tailwind CSS, FastAPI, Clerk, SQLite, SQLAlchemy

### Notabene — Lead Developer [Source](#) | [Live](#)

**Full-featured notes app with markdown support and secure user auth.**

- Designed responsive, accessible UI and enabled rich text via Markdown
- Implemented persistent user storage and auth using Clerk
- **Tech Stack:** React, Tailwind CSS, ShadCN UI, FastAPI, SQLite, Clerk

### AlgoAlchemy — Full-Stack Developer [Source](#) | [Live](#)

**Algorithm visualization platform for data structures like BSTs, Stacks, and Hash Maps.**

- Built interactive visualizations with D3.js and custom animations
- Developed Flask API for rendering and running algorithm logic
- **Tech Stack:** React, Vite, Tailwind CSS, D3.js, Python, Flask

## EDUCATION

Software Engineer (Back-End Specialization)  
African Leadership Experience (ALX Africa & Holberton School)  
Remote, 2022 - 2024

Bachelor in Computer Science  
Siantou Higher Institute (Dschang University)  
Cameroon, Yaounde, 2008 - 2011