

Frank Neba

Full Stack Developer & AI Engineer

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Profile

Innovative and results-driven Full Stack Developer & AI Engineer with 4+ years of experience designing, developing, and deploying web, mobile, and AI-powered applications. Skilled in building scalable, high-performance solutions using modern frameworks such as React, Next.js, Django, and React Native, combined with expertise in machine learning, deep learning, and natural language processing. Passionate about leveraging technology to solve real-world problems and committed to delivering exceptional user experiences.

Core Skills

- **Frontend Development:** React, Next.js, React Native, TypeScript, Tailwind CSS
 - **Backend Development:** Django REST, Node.js, Python, PostgreSQL, API Design, Docker
 - **Mobile Development:** React Native (iOS & Android), Expo, Play Store and App Store Deployment
 - **AI/ML:** Machine Learning, Deep Learning, TensorFlow, PyTorch, NLP, Computer Vision, Langchain
 - **Other Competencies:** Strategic Consulting, Architecture Design, Performance Optimization, SEO, UI/UX, Team Training
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Professional Experience

Full Stack Developer

ZiloTech – Bamenda, Cameroon

October 2023 – Present

- Led the design and development of enterprise-level web applications using Django REST, React, and PostgreSQL, improving platform scalability and performance.
- Built secure payment workflows and integrated third-party APIs, increasing transaction success rates and customer trust.

- Collaborated with cross-functional teams to deliver client-facing solutions, resulting in a 30% increase in customer retention.
 - Introduced responsive and accessible design practices, boosting mobile engagement by 40%.
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Full Stack Developer

Nexura – Remote

Jan 2025 – Present

- Developing digital engagement platforms that power community-driven initiatives, including e-commerce and social interaction tools.
 - Engineered end-to-end full stack systems with Next.js, Django REST, and React Native, ensuring high performance and seamless cross-platform user experience.
 - Mentoring junior developers and providing technical consulting on architecture and stack selection.
 - Driving AI adoption by integrating machine learning models into business applications, enabling data-driven insights and automation.
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Backend Development Intern

Traitz Tech – Onsite

Aug 2024 – Oct 2024

- Contributed to the backend development of production-ready applications using Django and Django REST Framework.
 - Built core features such as authentication, CRUD APIs, and real-time chat systems, ensuring secure and efficient data flow.
 - Implemented database optimization techniques, improving query efficiency and reducing latency.
 - Gained hands-on experience working in an agile team environment, delivering features under tight deadlines.
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Machine Learning Intern

SEED – Onsite

Aug 2025 – Present

- Designed and trained machine learning models for natural language processing (NLP) and computer vision applications.

- Developed a prototype recommendation system, improving predictive accuracy by 20% over baseline.
 - Collaborated with the AI team to optimize model deployment pipelines using TensorFlow and PyTorch, reducing inference time significantly.
 - Applied data preprocessing and feature engineering techniques to enhance dataset quality for model training.
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Education

Bachelor of Engineering (B.Eng.) in Computer Engineering

National Higher Polytechnic Institute (NAHPI), University of Bamenda – Cameroon

2023 – Expected Graduation 2027

Selected Projects

- **E-Commerce Platform** – Built a full-stack e-commerce solution using React, Django, PostgreSQL, and Stripe for secure transactions.
 - **AI Chat Application** – Developed a real-time chat app with AI-powered responses using Next.js, OpenAI API, and Socket.io.
 - **Mobile Fitness App** – Created a cross-platform fitness tracking app with workout plans and progress monitoring using React Native, Firebase, Redux, Expo.
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Blog & Publications

- *Building Scalable React Applications with Next.js 14* (Jan 2024)
 - *Machine Learning in Web Development: A Practical Guide* (Jan 2024)
 - *The Future of Mobile Development: React Native vs Flutter* (Jan 2024)
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Achievements

- Successfully delivered 50+ projects across diverse industries.
- Boosted business performance by implementing AI-driven solutions that enhanced automation and customer engagement.
- Active contributor to open-source projects and tech communities.