

Nwoge Ifeanyi Emmanuel

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Full Stack Developer | Open Source Enthusiast

Passionate Full Stack Developer with experience in **Python, Go, Node.js, React, and Cloud Infrastructure**. Adept at developing scalable applications, optimizing performance, and contributing to **open-source projects**. Strong understanding of **Linux, Kubernetes, and Observability tools** with hands-on experience in **DevOps practices**.

Technical Skills

- **Languages:** Python, Go, JavaScript, TypeScript
 - **Frontend:** React, Next.js, TypeScript, TailwindCSS
 - **Backend:** Node.js, NestJS, Express.js, FastAPI
 - **Databases:** PostgreSQL, MySQL, MongoDB
 - **DevOps & Cloud:** Docker, Kubernetes, AWS, CI/CD
 - **Monitoring & Observability:** Prometheus, Grafana, OpenTelemetry
 - **Version Control & Tools:** Git, GitHub, Linux, Bash Scripting
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Projects

Open-Source Observability Stack (*Personal Contribution*)

- Built an **observability stack** for monitoring containerized applications on **Kubernetes**.
- Integrated **Prometheus and Grafana** for real-time metrics and visualization.
- Developed custom alerting rules to track system health and failures.
- **Tech Stack:** Python, Go, Kubernetes, Prometheus, Grafana

Cloud-Based Video Downloader App

- Developed a **scalable web app** to download Facebook videos using **Next.js and Node.js**.
- Implemented **server-side APIs** with **NestJS** and optimized database queries for efficiency.

- Hosted on **Render with CI/CD pipelines** for seamless deployment.
- **Tech Stack:** Next.js, Node.js, PostgreSQL, Docker

Automation with N8N & No-Code Tools

- Designed **automated workflows** for client integrations using **N8N and NocoDB**.
 - Built custom backend APIs for **data synchronization across services**.
 - **Tech Stack:** N8N, Node.js, REST APIs, AWS
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Experience

Software Engineering Virtual Internships (Forage)

- Completed software engineering internships with **Hewlett Packard Enterprise (HPE) and other organizations**.
 - Developed a **Spring Boot RESTful API** for employee management.
 - Implemented unit testing and performance optimization in backend applications.
 - Gained hands-on experience in **cloud computing and backend systems**.
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Education

- **Self-taught Software Developer**
 - Continuous learning through **open-source contributions, documentation, and real-world projects**.
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Certifications

- **Software Engineering Virtual Internships (Forage)** – Certificates of Participation
 - **Docker & Kubernetes Essentials** (*In Progress*)
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Availability

Open to full-time and freelance opportunities. Passionate about **building impactful software** in **open-source, observability, and cloud computing**.

