

Douglas Chiemela N.

Backend Developer (Python/Django)

Port Harcourt, Rivers, Nigeria

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[LinkedIn](#) | [Portfolio](#) | [GitHub](#)

Professional Summary

I am a highly motivated and results-driven **Backend Developer** with 4+ years of experience specializing in **Python and Django**. I design, develop, and deploy scalable, secure, and efficient backend systems across **e-commerce, IoT, fintech, and SaaS applications**. Skilled in **RESTful API development, database optimization, and payment gateway integrations**, I consistently deliver robust solutions that improve performance, reliability, and user experience. Passionate about **problem-solving and innovation**, I thrive in collaborative environments and aim to build products that create real impact.

Core Skills & Technologies

- **Languages & Frameworks:** Python, Django, Django Rest Framework
 - **Databases:** PostgreSQL, MySQL, Redis
 - **Architecture & Development:** RESTful APIs, MVC, system design, microservices
 - **DevOps & Tools:** Docker, Git, GitHub, CI/CD pipelines, Heroku, AWS (fundamentals)
 - **Other Skills:** Technical documentation, API design, mentoring, team collaboration
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Professional Experience

Africa Manufacturing Innovation Hub – Port Harcourt, Nigeria

Backend Developer | Jan 2024 – Present

- Designed and deployed scalable backend systems to support industrial automation.
- Developed IoT backend services enabling **real-time device communication and data processing**.
- Collaborated with cross-functional teams to optimize manufacturing workflows across Africa.

Carrsly Inc. – Rivers State, Nigeria
Backend Developer | Jan 2022 – Present

- Built a **car investment and purchase platform**, streamlining transactions in the automotive sector.
- Improved platform performance by **optimizing APIs and database queries**, reducing response time by 25%.
- Implemented secure authentication and transaction processing for investors and buyers.

Ashpot – Aba, Nigeria
Backend Developer | Jan 2021 – Present

- **Schoolzy:** Built backend for a school management system, improving communication and administrative efficiency.
 - **Wimpy Bite:** Developed backend for a food ordering app with real-time order tracking and payments.
 - **Growing Seed:** Engineered financial management backend for secure savings and investment tracking.
 - **Orullo:** Designed home-service platform backend supporting provider-user connections and transactions.
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Key Projects

- **E-commerce Platform** – Built a digital product marketplace with **cryptocurrency & traditional payment gateways (NowPayments, Paystack)**, referral system, and secure delivery of digital goods.
 - **IoT Communication Hub** – Developed backend services enabling **real-time monitoring and automation** of IoT-enabled devices, supporting data collection and remote management.
 - **TravelMate App** – Created a travel application helping users connect to **stays, flights, and bookings**, ensuring smooth integration with third-party travel APIs.
 - **OnSite App** – Developed a workforce management tool enabling **managers to track employee progress, tasks, and performance metrics in real time**.
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Education & Certifications

- **Higher National Diploma (HND), Computer Science** – Abia State Polytechnic (2016 – 2021)
 - **Certifications:** Django & REST API Development | AWS Fundamentals & Cloud Deployment
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Why Work With Me?

I bring a strong blend of **technical expertise, problem-solving skills, and business awareness**. I design backend systems that are **scalable, maintainable, and secure**, while also ensuring smooth collaboration with teams. Whether optimizing performance, integrating payments, or building apps from scratch, I focus on delivering solutions that create measurable value.