

Douglas Chiemela N.

Backend Developer (Python/Django)

Port Harcourt, Rivers, Nigeria

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

Professional Summary

Backend Developer with 4+ years of experience specializing in Python and Django, and intermediate frontend skills (JavaScript, Bootstrap, HTML, CSS). Expert in building scalable, secure, and high-performance backend systems for e-commerce, IoT, fintech, and SaaS applications, while delivering responsive and user-friendly frontend interfaces. Skilled in RESTful API development, database optimization, and payment gateway integrations (Paystack, NowPayments). Known for delivering end-to-end solutions that improve efficiency, user experience, and business impact.

Core Skills & Technologies

- **Backend:** Python, Django, Django Rest Framework
 - **Frontend (Intermediate):** JavaScript, Bootstrap, HTML, CSS
 - **Databases:** PostgreSQL, MySQL, Redis
 - **Architecture & Development:** REST APIs, MVC, Microservices, System Design
 - **DevOps & Tools:** Docker, Git, GitHub, CI/CD, Heroku, AWS (fundamentals)
 - **Other Skills:** API Design, Technical Documentation, 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 supporting 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 – Dec 2023

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

Ashpot – Aba, Nigeria

Backend Developer / Jan 2021 – Dec 2021

- **Schoolzy:** Developed a school management system with responsive frontend interfaces for administrators, teachers, and students, along with backend APIs for student management and communication. (*Python, Django, DRF, JavaScript, Bootstrap, PostgreSQL*)
- **Wimpy Bite:** Built a food ordering platform with real-time order tracking and dynamic frontend dashboards for customers and vendors. (*Python, Django, DRF, JavaScript, Bootstrap, PostgreSQL*)
- **Orullo:** Engineered a home-service platform combining backend services and user-friendly frontend for provider-user transactions. (*Python, Django, DRF, JavaScript, Bootstrap, PostgreSQL*)
- **Growing Seed:** Developed financial management backend for secure savings and investment tracking. (*Backend-focused*)

Key Projects

- **AcctMarket (E-commerce Platform):** Full-stack development of a digital product marketplace with crypto & traditional payments, referral system, and secure delivery of digital goods. Included responsive frontend and backend API logic. (*Python, Django, DRF, JavaScript, Bootstrap, PostgreSQL, Docker, Paystack, NowPayments*)
- **OnSite App:** Developed a workforce management tool allowing managers to track, monitor, and mark the progress of engineers working on site in real time. Included intuitive frontend dashboards and backend services. (*Python, Django, DRF, JavaScript, Bootstrap, PostgreSQL*)
- **TravelMate App:** Built a platform for booking flights and stays nationwide. Integrated backend APIs with external flight and accommodation providers and delivered a responsive frontend interface. (*Python, Django, DRF, JavaScript, Bootstrap, PostgreSQL*)

- **Watti:** Developed backend services for real-time IoT device monitoring and automation.
(*Python, Django, Redis, MQTT*)
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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 combine backend expertise with intermediate frontend skills in JavaScript and Bootstrap, enabling me to deliver end-to-end solutions that are scalable, maintainable, secure, and user-friendly. From optimizing performance and integrating payments to building responsive interfaces, I focus on delivering measurable value while ensuring seamless collaboration with teams.