

# Douglas Chiemela N.

## Backend Developer (Python/Django)

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## 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.

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## 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)*

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## **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.