

# DAVID CARKSON AGBOR

FULL-STACK SOFTWARE ENGINEER | BACKEND DEVELOPER | PYTHON SPECIALIST

## PROFESSIONAL SUMMARY

Results-driven Full-Stack Software Engineer with 4+ years of experience in Python, Django, and React. Expertise in building scalable web applications, RESTful APIs, and database driven solutions. Proficient in cloud deployment (AWS), DevOps (Docker, Kubernetes), and Agile methodologies. Passionate about delivering high performance, secure software that drives business value. Seeking challenging opportunities in full-stack development, backend engineering, or Python-focused roles.

## SKILLS

- ❖ Languages: Python, JavaScript, Java, PHP
- ❖ Frameworks: Django, React, Next.js, FastAPI
- ❖ Databases: PostgreSQL, MySQL, MongoDB
- ❖ Cloud & DevOps: AWS, Docker, Kubernetes, Jenkins, GitLab CI/CD
- ❖ APIs & Security: RESTful APIs, GraphQL, JWT, OAuth2
- ❖ Front-End: HTML5, CSS3, Bootstrap, Tailwind CSS
- ❖ Tools: Git, GitHub, Postman, VS Code
- ❖ Testing: Pytest, Jest, Unit Testing
- ❖ Methodologies: Agile, Scrum, TDD

## PROFESSIONAL EXPERIENCE

### Full-Stack Developer

*Bluedartexpress Logistica, Lagos, Nigeria*

September 2023

- ❖ Developed a comprehensive logistics platform using Python, Django, and React, handling 10,000+ monthly transactions.
- ❖ Built RESTful APIs and integrated payment gateways, reducing processing time by 30%.
- ❖ Implemented responsive UI with Bootstrap and Tailwind, improving user engagement by 40%.
- ❖ Deployed on AWS with Docker containers, ensuring 99.9% uptime and scalability.

### Backend Developer

*Sankies Enterprise, Lagos, Nigeria*

February 2023

- ❖ Architected and maintained backend systems for e-commerce applications using Django and PostgreSQL.

- ❖ Designed and optimized APIs serving 5,000+ users, achieving 95% response time under 200ms.
- ❖ Integrated third-party services and ensured data security with JWT authentication.
- ❖ Collaborated in Agile sprints, delivering features 20% faster through CI/CD pipelines.

## **Full-Stack Training Lead**

*Carksontech Academy, Lagos, Nigeria*

May - December 2023

- ❖ Led training programs for 50+ developers in full-stack technologies, focusing on Python, Django, and React.
- ❖ Developed curriculum and hands-on projects, resulting in 90% job placement rate for graduates.
- ❖ Mentored teams in best practices, including code reviews and testing strategies.

## **Python Instructor**

*National Institute of Information Technology, Lagos, Nigeria*

2024 – Present

- ❖ Teach advanced Python concepts to 100+ students, emphasizing backend development and algorithms.
- ❖ Designed assessments and projects, achieving 95% student satisfaction scores.

## **Python Programming Instructor & Curriculum Lead**

*Wave Academies*

September 2023– November 2024

- ❖ Delivered a rigorous training program, consistently graduating **20+ high-caliber professionals** every 2 months with strong industry-ready skills.
- ❖ Designed and continuously refined an engaging, industry-aligned Python programming and logic-building curriculum.
- ❖ Developed high-quality instructional materials, including lesson plans, assignments, projects, textbooks, presentation slides, and online resources.
- ❖ Provided clear, structured instruction with live demonstrations, in-depth explanations, and hands-on guidance in Python programming and problem-solving techniques.
- ❖ Conducted thorough code reviews, delivered constructive feedback, and mentored students one-on-one to overcome challenges and accelerate skill mastery.
- ❖ Created and administered assessments, quizzes, and exams to accurately evaluate student understanding and progress.
- ❖ Maintained regular office hours, monitored individual performance, and proactively identified students needing extra support.
- ❖ Fostered an inclusive, respectful, and highly productive classroom environment.
- ❖ Actively collected and incorporated student feedback to drive continuous improvement in teaching methods and learning outcomes.

- ❖ Graded assignments and assessments promptly, ensuring timely, detailed, and actionable feedback.

## EDUCATION

DIGINXT-MMS Software Engineering  
National Institute of Technology (NIIT), FESTAC, Nigeria  
2020 - 2024

## CERTIFICATIONS

- ❖ Python Django Development (Udemy)
- ❖ REST API Development (Udemy)
- ❖ Certified Python Programmer (Alison)
- ❖ Cloud Computing & DevOps (Alison)
- ❖ AWS Certified Cloud Practitioner (In Progress)

## LANGUAGES

English (Fluent), Igbo (Native)

## REFERENCES

Available upon request