Uchenna Adubasim

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📍 Abuja, Nigeria (Open to Remote/Global)

Professional Summary

Results-driven Software Engineer and Technical Instructor with 7+ years building scalable Python/Django applications, including DRF microservices, Celery async tasks, PostgreSQL optimization, BeautifulSoup scraping, OpenAI integration, Docker, and cloud deployment. Proven mentor who guided 100+ learners into tech careers, combining strong technical skills with excellent communication to drive innovative projects in collaborative teams.

Education

International Postgraduate Certificate in Education

University of Derby, UK | 2022 - 2023

MSc in Electrical & Electronic Engineering

Coventry University, UK | 2014 - 2015

BSc in Computer Science

Madonna University, Nigeria | 2006 - 2010

Professional Experience

International Coding Educator (Python)

JetLearn, Netherlands (Remote) | Feb 2026 - Present

- Teach core Python fundamentals including variables, data types (strings, integers, floats, booleans), and foundational problem-solving skills.
- Guide students in building interactive projects (e.g., games, graphics) to enhance creativity and practical understanding.

Backend Development Instructor

Studio3Launchpad, UK (Remote) | Jun 2025 - Present

- Develop and maintain an official curriculum focused on scalable RESTful API design, serialization, authentication (JWT/OAuth), and OpenAPI/Swagger documentation standards.
- Guide learners in PostgreSQL schema design, query optimization, advanced ORM usage (Django), and performance tuning for production-grade applications.
- Deliver hands-on training in backend security (RBAC, vulnerability mitigation), manual (Postman) and automated API testing (pytest, unittest).

Software Engineer (Backend)

KairosLabs Inc., USA (Remote) - Building Kirro.ai (AI-Powered Job Search & Auto-Apply Platform) | Oct 2024 – Present

- Architected and launched the MVP backend infrastructure using Python/Django, owning end-to-end development from requirements to production deployment on scalable cloud environments.
- Designed, implemented, and documented comprehensive RESTful APIs with Django REST Framework (DRF), ensuring seamless frontend integration, robust validation, and security.
- Optimized PostgreSQL database performance through complex query refactoring, indexing, and efficient CRUD operations for low-latency, high-throughput workloads.
- Engineered key Python microservices using Celery for asynchronous task management: Asynchronous Job Listing Microservice: Built with BeautifulSoup to scrape job postings from diverse external sources, normalize heterogeneous data formats, deduplicate entries, and asynchronously upsert over 2,000 jobs daily into the database, powering real-time job availability for AI-driven matching and auto-applications.

  AI-Powered Resume Parser: Integrated OpenAI models for intelligent NLP-based extraction of structured candidate data (contact info, work experience, skills, education) from uploaded resumes in various formats (PDF, DOCX, images), auto-populating application forms with 95% extraction accuracy, dramatically streamlining user workflows and improving application quality.

Open Source Contributor | Jan 2023 - Present

- Developed and published Python/Django packages on The Python Package Index (PyPI) such as django-rest-bible (a RESTful bible backend), quadratic-solver (a package that solves and graphs quadratic equations) and published space math game on itch.io.
- Contributed to open source projects in the Python ecosystem including popular ones like Django Rest Framework, Kivy,

Technical Skills

- Programming Languages: Python (expert), JavaScript, SQL
- Backend & Frameworks: Django, Django REST Framework, Microservices, etc.
- AI & Parsing: OpenAI (GPT models), NLP for data extraction
- Frontend: HTML5, CSS3, Bootstrap 5, FlutterFlow
- Databases: PostgreSQL, MySQL, Supabase, SQLite
- Tools & DevOps: Git/GitHub, Docker, Heroku, PythonAnywhere, Postman, unittest
- Soft Skills: Cross-functional collaboration, problem-solving, analytical thinking, etc.
- Natural Languages: English (fluent), Igbo (native), Pidgin

Achievements & Certifications

● 2021: Pirple – Certificates in C#, C++, CSS & HTML

● 2010: Madonna University – Certificate of Honour (3rd Best in Structured Programming)

Interests

Contributing to open source projects, Stack Overflow, and mentoring aspiring developers.

References

Available upon request.