Onuh Kyrian Udochukwu

Full stack web developer

onuhudoudo@gmail.com | [Github](#) | [Portfolio](#)

EDUCATION

University Of Nigeria Nsukka *(August 2021 - 2025)*

Bachelor of computer science

Relevant courses: OOP in C++, Java, Data structures and Algorithms, Compilers, Operating Systems, Micro services.

SKILLS

Languages: Python, JavaScript, Typescript, MySql, PostgreSql, HTML/CSS

Technologies: Django, Django rest framework, Redis, Nginx, Celery, Gunicorn, Docker, AWS, Postman, React.js, Tailwind css, Ant design, Framer motion, Jest, Scss.

Core skills: Adaptability, Collaboration, Relentless Problem-Solving, Goal orientated, Entity relationship design, Object-oriented design

PROFESSIONAL EXPERIENCE

[Nanocodes Programming](#)

Lead backend developer *(January 2024 - Present)*

- Led the development, deployment, and maintenance of backend services across multiple cloud platforms, including AWS, Google Cloud Platform (GCP), DigitalOcean, and Railway, ensuring high availability and scalability.
- Optimized video course uploads for a video streaming platform, reducing upload times by 90% through efficient use of AWS infrastructure.
- Implemented adaptive bitrate streaming on a video streaming platform, enhancing video playback performance and cutting load times by 90% for a seamless user experience.
- Led the migration of key projects from DigitalOcean to Google Cloud Platform, leveraging Cloud Run for improved scalability, performance, and cost-efficiency.
- Collaborated with cross-functional teams of frontend developers, mobile app developers, and QA engineers, promoting agile development practices to meet tight deadlines.
- Developed complex backend business logic for diverse B2C and B2B software solutions, consistently meeting and exceeding client expectations.
- Conducted comprehensive code reviews for a team of five junior backend developers, enhancing coding standards and reducing the incidence of bugs by 40%, while fostering an environment focused on maintainable software practices.

[Nigerian Nuclear Regulatory Authority](#)

Software Engineer Intern *(Jan 2024 - May 2024)*

- Independently Designed and developed a collaborative web-based system with authentication, file sharing, chat and memo sharing functionality.

- Implemented real-time chat functionality using modern web technologies such as Websocket, Django channels, Django ASGI.
- Integrated highly performant bulk email sharing capabilities, allowing users to share memos, documents, and other important resources seamlessly within the system.
- Deployed the collaboration system to AWS utilizing EC2, S3
- *Technologies*: Python Django, Redis, Docker, Django channels, Django Rest framework, Nginx.

PIXEL PERFECT TECH

Full stack developer *(February 2022 - January 2024)*
- Implemented a new frontend architecture for an e-commerce marketplace that improved their performance by 80%.
- Directed the end-to-end development of 10+ full-stack web applications, from initial design to successful implementation and deployment, enhancing project delivery efficiency by 60%.
- *Technologies*: React js, Tailwind, Python Django, Jest, Ant design, Redux, Git and Github.

HNG Internship

Backend developer *(Aug 2023 - Nov 2023)*
- Developed and implemented RESTful APIs using Python Django and Django REST Framework. Adhered to best practices to ensure scalability and security, and optimized queries to enhance response time by **60%**.
- Designed and implemented database models, views, serializers, and endpoints to support various functionalities and data interactions across web and mobile applications.
- Collaborated with teammates to tackle challenges, brainstorm solutions, and deliver high quality code within tight project deadlines.
- *Technologies*: Python Django, Django rest framework, Celery, RabbitMq, Git and Github
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SELF EMPLOYED

Full stack developer *(Jan 2022 - Present)*
- Collaborating closely with clients to deliver exceptional web applications for small and medium scale businesses.
- Worked with clients from all over the globe.
- *Technologies*: React js, Tailwind, Python Django, Jest, Ant design, Redux, Git and Github.