Ifeoluwa Ilori

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EXPERIENCE

Backend Engineer

Send24   **July 2023 - Present, Lagos, Nigeria**

- Designed and developed scalable API endpoints for authentication, parcel tracking, and data visualization, serving 10000+ monthly active users.
- Optimized API performance, reducing response time by 20% and enabling the system to handle 10,000+ concurrent requests.
- Integrated RabbitMQ for asynchronous communication, improving system scalability and reducing latency by 30%.
- Implemented Docker-based containerization and CI/CD pipelines, reducing deployment time by 50% and improving system reliability.
- Developed comprehensive unit and integration tests, minimizing production issues.
- Developed and maintained API documentation to facilitate seamless integration for developers.

Backend Software Developer

Freelance   **January 2022 - June 2023, Lagos, Nigeria**

- Developed Cartify, a secure e-commerce platform with JWT authentication, supporting 1000+ monthly active users.
- Implemented security best practices, preventing CSRF, XSS, and cookie hijacking, resulting in zero security breaches during deployment.
- Built WeBlog, a content management platform enabling 100+ users to create and publish blogs seamlessly.
- Applied system design principles, data structures, and algorithms to develop efficient, scalable applications.

Software Development Intern

BlueScripts Educational Institute   **April 2020 - December 2020, Ibadan, Nigeria.**

- Developed basic web applications, gaining hands-on experience in software development.
- Collaborated with the development team to implement web features and improve functionality.
- Participated in debugging and troubleshooting, enhancing the performance and reliability of applications.

SKILLS

Programming & Frameworks: Python, Go, JavaScript, FastAPI, Django, Django REST Framework, Fiber, ReactJS
Databases & Storage: PostgreSQL, MySQL, MongoDB, Redis, SQLAlchemy, Django ORM, Pydantic, GORM
DevOps & Cloud: Git, GitHub Actions, Docker, CI/CD, AWS (S3, RDS), RabbitMQ, Celery, NginX
Testing & Security: Pytest, Unittest, Postman, OpenAPI, JWT, OAuth2
Software Architecture: Data Structures, System Design, Microservices, Clean Code

EDUCATION

Bachelor of Science in Mechanical Engineering

University of Lagos, Nigeria • Lagos, Nigeria • 2021

PROJECTS

Send24 API

Send24 • send24.co/ • July 2023 - Present

- Developed authentication and package movement APIs for web and mobile applications.
- Implemented unit, integration, and API testing to ensure system reliability.
- Designed and developed Send24-Analytics API, enabling real-time data visualization.
- Optimized caching strategies, significantly reducing latency for high-traffic demands.

Cartify

github.com/ifecog/Cartify.git • December 2022 - April 2023

- Developed a secure e-commerce API using Django REST Framework (DRF) with JWT authentication.
- Built a user-friendly UI with ReactJS for product browsing, cart management, and checkout.
- Wrote comprehensive unit, integration, and automation tests, ensuring system stability.

INVOLVEMENT

Member

University of Lagos, Nigeria. • Nigerian Institution of Mechanical Engineers (NIMechE) • November 2015 - November 2021

- Participated in forums and seminars presented by senior members of the organization and companies associated with the organization and university.