Divine Ekene-Pascal Chukwu

Python Backend Developer

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🔗 [GitHub] | [LinkedIn] | [X]

Profile

Python Backend Developer with 3+ years of experience in designing and optimizing scalable, high-performance applications. Expert in Django and Django REST Framework, with a strong focus on API architecture, automation, and system efficiency. Experienced in real-time data processing, authentication security, and DevOps principles, including Docker and CI/CD pipelines. A proactive leader, driving technical excellence while mentoring teams and contributing to product innovation.

Experience

LEAD BACKEND DEVELOPER | Y-QUEUE? | MAR 2024 – PRESENT
- Scaled backend for food ordering platform used by 4000+ users.
- Built secure APIs (Django DRF) with JWT auth, real time updates via WebSocket, and FCM push notifications.
- Integrated Paystack, Flutterwave and Google Maps API for payments and location services
- Setup CI/CD with GitHub actions, dockerization and contributed to key architectural decisions

FULL STACK (BACKEND) DEVELOPER | REISPAR TECHNOLOGIES | NOV 2023 – APRIL 2024
- Built a scalable Django-based platform to match mentors with mentees in tech
- Implemented JWT auth, profile endpoints and session booking via Google Calendar API.
- Developed a real-time chat system using WebSocket, enabling instant messaging and collaboration between mentors and mentees.
- Automated SMS/Email alerts and FCM for push notification
- Set up monitoring alerts using AWS CloudWatch to enhance system reliability and reduce incidents.

BACKEND DEVELOPER | HNG | SEP 2023 – OCT 2023
- Developed a scalable video recording REST API, integrating Chrome extensions for seamless screen recording, enabling improved content creation and collaboration.
- Utilized AWS for secure video storage and transcription, ensuring efficient data retrieval and automated processing
- Built a robust backend for an assessment application, supporting automated grading, real-time analytics, and user management, reducing manual evaluation time by 60%.

Education

🎓 **Bachelor's in Electronic and Computer Engineering | *Sep 2017 – Nov 2023***
📍 **University of Nigeria, Nsukka**

Projects

- **Y-QUEUE BACKEND**
  Designed and maintaining the backend of a food ordering platform of over 4000 users
  - Developed secure APIs (Django DRF) for orders, payments (Flutterwave, Paystack), and location features (Google Maps).
  - Integrated real-time updates via WebSocket and push notifications via Firebase (FCM).
  - CI/CD pipeline with GitHub Actions for continuous deployment.
  - *Private codebase (available on request).*

- **FULLSTACK DOCKERIZED APP**
  Orchestrated a microservice-based app with a React frontend, Node.js and Go backends, and PostgreSQL using Docker Compose.
  - Features: Hot reloading in dev, optimized multi-stage docker builds, shared network config
  - Devops: makefile commands (make up, make down), CI-ready, and cloud deployment friendly
  - *[GitHub REPO](#)*

- **DJANGO CHAT API**
  Building a real-time messaging API with Django, including authentication, friend and group chats, and WebSocket support.
  - Features: JWT authentication, async chat logic, PostgreSQL, Dockerized setup.
  - DevOps: CI/CD pipeline via GitHub Actions, deployed to Railway.
  - *[GitHub REPO](#)*

Technical Skills

- **Programming:** Python (Django, FastAPI, Flask)
- **Cloud & DevOps:** AWS, Docker, CI/CD (GitHub Actions, Jenkins)
- **Messaging & Async Processing:** RabbitMQ, Redis, Celery
- **Security & Authentication:** JWT, OAuth, Session-based authentication
- **Databases:** PostgreSQL, MongoDB, MYSQL
- Real-time Systems: WebSocket (Channels, Asyncio), Firebase Cloud Messaging
- API Integrations: Google Maps, Google Calendar, Paystack, Flutterwave, Firebase
- **Collaboration & Tools:** Git, GitHub, Agile, Documentation Writing

Soft Skills

- Strategic Problem-Solving – Strong analytical skills for debugging, optimizing API performance, and scaling backend systems.
- Collaborative Leadership – Experienced in mentoring junior developers and working cross-functionally with DevOps, frontend, and QA teams.
- Clear & Technical Communication – Ability to articulate complex backend concepts to both technical and non-technical stakeholders.
- Continuous Learning & Adaptability – Quickly adapts to emerging technologies like Kubernetes, CI/CD automation, and cloud infrastructure best practices.
- Time & Project Management – Efficient in managing sprints, prioritizing tasks, and delivering high-quality solutions within deadlines.

Languages: English AND French