EZE ISRAEL JOHN

PYTHON DEVELOPER

PROFESSIONAL SUMMARY

A Python Developer experienced in building and scaling Python-based applications using Django and FastAPI. Skilled in designing RESTful APIs, integrating cloud solutions (AWS and GCP), and optimizing data workflows. Strong command of PostgreSQL and MongoDB, with proven experience in secure, high-performance system development.

SKILLS

Languages & Frameworks: Python, Django, FastAPI, Flask
Databases: PostgreSQL, MySQL, MongoDB, Redis
Tools: Git, Docker, CI/CD (GitHub Actions), VS Code, Postman
Cloud: AWS (EC2, S3, RDS), GCP (Cloud Run, GKE, Artifact Registry), Kubernetes, Docker
Others: RESTful APIs, JSON, SQLAlchemy, Unit Testing, Celery,

CONTACT

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Portfolio: https://ezeisraeljohn.me
Github: https://github.com/ezeisraeljohn
X (formaly twitter): https://X.com/ezeisraeljohn

EXPERIENCE AND PROJECTS

Trackify

AI-Driven Financial Assistant (Project)

- Integrated Google Gemini LLM for real-time financial insights and actionable spending summaries.
- Implemented AES-128 encryption for sensitive data, securing credentials and ensuring fintech compliance.
- Automated onboarding and email verification, reducing support load and enhancing user experience.
- Migrated platform to a containerized architecture using Docker Compose and GKE.
- Set up CI/CD with GitHub Actions to streamline deployments and speed up developer onboarding.
- Built a transaction normalization engine to improve accuracy of LLM-driven spending analysis.
- Developed a scalable Celery + Redis job system for asynchronous email and insight processing.
- implement a secure, hashed, and encrypted email storage system, further enhancing user privacy and reducing risk of data leaks.

Skills:Python, FastAPI, SQLModel, PostgreSQL, Celery, Redis, Docker, Docker Compose, Mono API, Google Gemini, Alembic, GitHub Actions, GCP, GKE

CommerceCore Payment Service

The Payment Service of the CommerceCore API

- Built scalable Python microservices with FastAPI, aligned with business goals and clean architecture.
- Integrated Stripe and third-party APIs to streamline payment flows and automate key operations.
- Used Redis for caching, pub/sub, and background tasks to enhance system speed and reliability.
- Wrote automated tests with pytest and async clients, enabling CI/CD integration.
- Maintained technical documentation to support collaboration and system maintainability.

Skills:Python, FastAPI, SQLModel, PostgreSQL, Celery, Redis, Docker, Alembic, GitHub Actions, GCP, GKE, Stripe API, Pytest

ACADEMIC HISTORY

Rivers State University

Bachelor of Science in Computer Science | 2025-2029

- GPA: In view

Ken Saro-Wiwa Polytechnic Bori

National Diploma Computer Science | 2021-2023

- GPA: 3.72
- Departmental Best

CERTIFICATION

Certified Software Engineer (Backend)
Holberton School (ALX)

API Security
APISec University

OWASP TOP 10
APISec University

API Engineer
Udemy