

VINCENT SAM NGOBEH

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UK Settled Status/ILR – Full right to work, no sponsorship required

PROFILE

Computer Science graduate with production experience in **Python**, **Django**, and **Django REST Framework**, plus hands-on generative AI development using Claude and OpenAI APIs. Open-source contributor with merged PRs in projects with 3.7k–10k+ stars. Skilled in **PostgreSQL**, **Celery**, REST API design, and test-driven development. Languages: English (Fluent), Greek (Native).

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, SQL

Backend: Django, Django REST Framework, FastAPI, Django Channels, Celery, SQLAlchemy, PostgreSQL, PostGIS, Redis

AI/ML: Claude API, OpenAI API (DALL-E, GPT), Prompt Engineering

Cloud & DevOps: AWS (S3), Docker, Git, GitHub, CI/CD (CircleCI), Linux, Render, Railway, Vercel

Testing: pytest, Factory Boy, Test-Driven Development (TDD)

Frontend: React, HTML, CSS, Material-UI, Tailwind CSS

OPEN SOURCE CONTRIBUTIONS

DefectDojo — Vulnerability Management Platform (3.7k+ ★) [PR #13805](#) *Merged | Dec 2025*

- Resolved a critical performance bottleneck by implementing lazy loading with **Python's** `@cached_property` decorator to defer expensive **PostgreSQL** COUNT queries, reducing edit-finding load time from 50+ seconds to under 2 seconds on systems with 100k+ findings. Passed 150 CI checks and merged into release v2.54.0.

Django Ninja — Fast REST Framework (8.8k+ ★) [PR #1614](#) *Merged | Dec 2025*

- Fixed an optional query parameter validation bug in **Pydantic v2** integration by implementing automatic `Optional[T]` wrapping in **Python** and adding **pytest** regression tests, ensuring correct API behaviour across the full 667-test suite.

django CMS — Enterprise Content Management (10k+ ★) [PR #8418](#), [#8420](#) *Merged | Dec 2025*

- Eliminated a **Django** `TemplateSyntaxError` crash by adding **Python** exception handling in `_scan_placeholders()` and writing regression tests for page tree copying with apphooks. Iterated through multiple code reviews before merge.

PROJECTS

AI Social Market — GenAI Marketing Platform [Live Demo](#) | [GitHub](#) *Jan 2026*

- Built a full-stack GenAI marketing platform generating British English social media copy (**Claude API**) and promotional images (**DALL-E API**) for UK small businesses. Developed **React/TypeScript** frontend with multi-step campaign forms and **FastAPI** backend with async **PostgreSQL** via **SQLAlchemy**, implementing bring-your-own-keys auth with rate limiting and engineered prompts for consistent output across five platforms (Instagram, Facebook, LinkedIn, X, TikTok).

Provisions Link — B2B Food Marketplace [Live Demo](#) | [GitHub](#) *Sept – Nov 2025*

- Built a full-stack B2B marketplace with 50+ REST API endpoints using **Python**, **Django**, and **Django REST Framework**, with real-time WebSocket notifications via **Django Channels**, **PostGIS** geographic queries on **PostgreSQL**, and **Celery Beat** for async task scheduling. Integrated Stripe Connect payments and FSA food hygiene API with a **React/TypeScript** frontend, using **AWS S3** for media storage.

BudgetBox API — Personal Finance REST API [Live Demo](#) | [GitHub](#) *Aug – Sept 2025*

- Designed and implemented 48 **Django REST Framework** endpoints with **PostgreSQL** for multi-account management, token-based authentication, and **Redis** response caching. Wrote 1,015 lines of **pytest** tests following TDD, delivering multi-currency support (GBP, USD, EUR), smart budget recommendations, and atomic account transfers.

EDUCATION

BSc Computer Science (2:1) — City St George's, University of London

Sept 2022 – June 2025