

# VINCENT SAM NGOBEH

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

## PROFILE

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Recent Computer Science graduate with hands-on experience building production-deployed backend applications and contributing to major open source projects. Skilled in Python, Django, FastAPI, REST API design, PostgreSQL, and test-driven development. Seeking a junior backend developer role in London. Languages: English (Fluent), Greek (Native).

## TECHNICAL SKILLS

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**Languages:** Python, JavaScript, TypeScript, SQL

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

**Tools & Testing:** Git, GitHub, Docker, AWS S3, pytest, Factory Boy, Render, Railway, Vercel, Linux

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

## OPEN SOURCE CONTRIBUTIONS

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

- Implemented lazy loading using Python's `@cached_property` decorator to defer expensive database COUNT queries
- Resolved critical performance issue where edit finding operations took 50+ seconds on systems with 100k+ findings
- Approved by 4 maintainers, passed 150 CI checks, merged into release v2.54.0

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

- Fixed optional query parameter validation bug affecting Pydantic v2 by implementing automatic `Optional[T]` wrapping
- Utilised existing `is_optional_type()` utility, added regression test coverage, and ran full 667-test suite

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

- Fixed `TemplateSyntaxError` crash when templates use `{% extends CMS_TEMPLATE %}` by adding exception handling in `_scan_placeholders()`
- Added regression tests for page tree copying with apphooks; iterated through multiple code review rounds with maintainers

## PROJECTS

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**Provisions Link** — *B2B Food Marketplace* • [Live Demo](#) • [GitHub](#)

- Developed full-stack B2B marketplace with 50+ API endpoints, real-time WebSockets via Django Channels, and PostGIS geographic queries for location-based group buying
- Integrated Stripe Connect for automated marketplace payments, Celery Beat for background tasks, and FSA food hygiene API
- Built React/TypeScript frontend with JWT authentication, responsive design, and real-time notifications

**BudgetBox API** — *Personal Finance REST API* • [Live Demo](#) • [GitHub](#)

- Built comprehensive REST API with 48 endpoints using Django REST Framework for multi-account management, transaction tracking, budget planning, and financial analytics with multi-currency support (GBP, USD, EUR)
- Implemented token-based authentication with automatic rotation, user data isolation, and 1,015 lines of pytest tests
- Designed smart budget recommendations based on spending patterns, atomic account transfers, and response caching

## EDUCATION

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### BSc Computer Science (2:1)

*City St George's, University of London* • September 2022 – June 2025

Relevant modules: Databases (73.5%), Web Development (85.6%), Data Structures and Algorithms, Computer Networks, Object-Oriented Analysis and Design, Cloud Technology for Business Transformation

### BTEC Level 3 National Extended Diploma in Computing (D\*D\*D)

*London South East Colleges* • September 2020 – June 2022

## EXPERIENCE

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### Personal Shopper

*Ocado, London* • March 2020 – Present

- Consistently ranked in top 10 performers for product scanning accuracy and efficiency over 4+ years
- Demonstrated reliability and adaptability working demanding night shift schedules and high-demand periods