VINCENT SAM NGOBEH

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

PROFILE

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

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, SQL
Backend: Django, Django REST Framework, 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

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

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

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

Personal Shopper
Ocado, London • *March 2020 – Present*
- Consistently ranked in top 10 performers for product scanning accuracy and efficiency over 4+ years
- Maintained strict quality control standards across inventory, ensuring adherence to food safety requirements
- Demonstrated reliability and adaptability working demanding night shift schedules and high-demand periods