

ROHIT JOSHI

Full-Stack Software Developer | Founder, UKAAL

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PROFESSIONAL SUMMARY

Full-stack software developer and founder of UKAAL, building maintainable web platforms and reusable CMS systems for client-facing products. Experienced across Python, Django, Django REST Framework, React.js, Next.js, TypeScript, PostgreSQL, authentication, REST APIs and cloud deployment. Combines backend architecture with practical UI/UX implementation from requirements through release.

EXPERIENCE

Founder & Software Developer | UKAAL 2026 - Present

Nepal

- Founded UKAAL, a software and web-development practice focused on reusable, maintainable digital systems for hospitality, education, associations, cafes, retail and business websites.
- Architect reusable Django and Django REST Framework backend/CMS patterns with PostgreSQL, authentication, REST APIs and media handling for independently deployed client frontends.
- Design and ship React.js and Next.js experiences alongside CMS modules, database models, cloud deployment, content workflows and interface refinements.
- Translate client requirements into practical product scope, maintain deployed sites and iterate on their content and operational needs.

Python Developer Intern | Clouds Nepal Web - 4 months

Nepal

- Built a Weather Detector application with Django and developed a Password Manager desktop application with Tkinter.
- Created a Python-based Stock Tracker and worked on backend functionality for a Hotel Management system with Django REST Framework.
- Applied Python, Django and REST API fundamentals to deliver end-to-end features across web and desktop projects.

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, SQL

Frontend: React.js, Next.js, React Native/Expo, HTML, CSS, UI/UX implementation

Backend: Django, Django REST Framework, ASP.NET Core, REST APIs, JWT, CMS architecture

Databases: PostgreSQL, MySQL, MongoDB, SQLite, Entity Framework Core

Cloud & Tools: Railway, Vercel, Neon, Cloudflare R2, Redis, Firebase, AWS, Azure, Git, GitHub, Figma

SELECTED PROJECTS

UKAAL CMS

Django, Django REST Framework, PostgreSQL, React.js/Next.js, Cloudflare R2, Railway, Neon, Vercel

- Reusable centralized CMS and backend architecture that powers several independently deployed client websites.
- Designed modules for notices, news, galleries, programmes, people, site sections and dynamic content, enabling each frontend to retain its own deployment while sharing a maintainable CMS foundation.

UniBites

Django, Django REST Framework, PostgreSQL, React Native/Expo, JWT, eSewa, Khalti

- Multi-vendor campus food-ordering platform supporting multiple canteens.
- Implemented role-based USER, ADMIN and VENDOR workflows, JWT authentication, OTP/email verification, menus, carts, ordering, vendor/admin management, cash-on-delivery and payment flows.

Hotel New Chetan Webapp

React, Django REST Framework, Django, WebSockets, PostgreSQL, Cloudflare, Vercel/Render

- Built and successfully launched a high-performance full-stack hotel management application from scratch to production.
- Developed a secure Django backend with role-based access control, powering a custom admin dashboard with data visualization (Recharts) and media asset optimization.
- Managed end-to-end DevOps, including deploying the frontend to Vercel, containerizing/hosting the backend on Render, setting up a Neon DB Postgres cluster, and managing DNS/Security through Cloudflare.
- Implemented real-time, bi-directional communication using WebSockets to support live order tracking and instant admin notifications.

EDUCATION

BSc (Hons) Computing 2023-2026

Islington College | London Metropolitan University

73% overall | First Class Honours