Granth Jain

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Work Experience

Software & DevOps Engineer · Aug 2025 — Present
Open Consulting · London, UK
- Designed, implemented, and maintained DevOps workflows including server configuration, infrastructure, automation, CI/CD pipelines, and IaC (Infra as Code).
- Used GitHub Actions, Docker, and containerisation best practices to streamline builds, testing, and deployment processes.
- Collaborated with cross-functional teams (engineering, QA, product, and client stakeholders) to ensure deliverables were versioned, traceable, and deployed reliably.
- Supported deployment of software solutions on client infrastructure, ensuring seamless integration and minimal downtime.
- Optimised release management processes, reducing deployment errors and improving delivery speed.

Software Engineer · Jul 2025 — Present
Kuroza · Loughborough, UK
- Collaborated on the design and development of the company website, contributing to both technical implementation and branding alignment
- Built core business logic for the mobile app using Dart & Flutter/JavaScript, ensuring scalable and maintainable architecture
- Developed key algorithms and backend systems with Firebase & Firestore, improving reliability and efficiency of critical features

Internship - Software Engineer & Business Development · Jul 2025 — Aug 2025
Open Consulting · London, UK
- Developed and maintained a highly customisable data pipeline ensuring seamless data ingestion, transformation, and delivery in reusable, high-quality formats
- Managed data integration from diverse sources, including SFTP, HTTP connections, and multiple cloud platforms (Oracle Cloud, AWS)
- Designed and deployed CI/CD pipelines with comprehensive testing coverage, significantly reducing deployment errors and accelerating release cycles
- Collaborated with cross-functional teams to optimise data workflows, enhance scalability, and support data-driven decision-making
- Developed libraries for shared functionality to increase developer efficiency, decreasing time-to-launch by 30%

Freelance Software Developer · Sep 2023 — Dec 2024
Self-employed · London, UK

- **Inventory Management & E-Commerce Integration (Retail/Grocery Client)**:
  ‣ Designed and built a custom desktop inventory management system integrated with a website storefront.
  ‣ Built a real-time stock syncing system that reduced inventory discrepancies by 60%
  ‣ Improved inventory tracking accuracy, decreasing manual errors by over 70%

- **Pixel Art Editor (Python Desktop App)**:
  ‣ Developed a standalone pixel art editor from scratch to explore 2D graphics programming.
  ‣ Created a custom 2D rendering engine and lightweight UI library in Python

- **Productivity Hub for SMEs**:
  ‣ Built a full-stack productivity and task management platform tailored for small teams.
  ‣ Enabled real-time task tracking and progress visualisation via custom dashboards
  ‣ Integrated team messaging, project metrics, and performance insights
  ‣ Helped clients reduce team communication friction and improve deadline adherence by 30%

Software Developer   Oct 2022 — May 2023
RealmLabs   London, UK

Software Development Intern   May 2022 — Aug 2022
Humanitarian Operations   London, UK

AP Computer Science Tutor   Jun 2018 — Apr 2022
Self-employed   Florida, USA

Education

Loughborough University   2022 — Predicted 2026
BSc Computer Science   Loughborough, UK

Projects

- **VSCode Tasks Integration Extension**
  - ‣ A VS Code extension that organizes workspace tasks in an intuitive tree-view interface within the activity bar. The extension automatically groups tasks by source (npm, CMake, workspace) and type (build, test, deploy) while providing one-click execution with visual status indicators and bulk operations. Successfully published to the VS Code Marketplace. › [View Here](#)

- **Python Code Jam 2025**
  - ‣ Theme: "Wrong tool for the job" – A tongue-in-cheek website for teaching HTML, but restricted to Python code only. Built entirely in Python (with a pinch of JSON), it embraces the theme by showcasing creative workarounds and unconventional solutions. › [View Repo](#)

- **VeggieInventory**
  - ‣ A custom inventory management system, developed for an SME client, featuring stock tracking, category-based filtering, and automatic updates to their public-facing website with real-time inventory data.

- **PixiPainter**
  - ‣ A Python-based pixel art editor, built from scratch, featuring customizable palettes, multiple brush types, and a bespoke file format for saving and loading pixel art.

- **Minimalist NewTab**
  - ‣ A highly customizable Chrome/Edge extension that replaces the default New Tab page with quick-access links and advanced personalization options.

- **MakeItAll Productivity Hub**
  - ‣ A productivity web app integrating a chat system, advanced documentation viewer and summariser, and modular analytics dashboards tailored to user workflows.