Granth Jain

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Professional Summary

Software Engineer specializing in DevOps, full-stack development, and automation. Delivered measurable improvements including 67% faster deployments, 65% fewer deployment errors, and systems reducing client operational costs. Skilled in Python, JavaScript, Docker, and cloud infrastructure with experience building production systems for real businesses.

Work Experience

Software & DevOps Engineer (part-time)
Aug 2025 — Present
Open Consulting — London, UK

- Reduced deployment time from 3 days to 1 day by streamlining release management processes and implementing automated testing workflows
- Built CI/CD pipelines using GitHub Actions and Docker, cutting build times by 28% through optimised caching strategies
- Unified versioning standards across 5 cross-functional teams, ensuring traceable releases and reducing integration conflicts by 40%
- Maintained 99.5% uptime during client deployments through improved monitoring, rollback automation, and infrastructure configuration

Software Engineer (part-time)
Jul 2025 — Present
Kuroza — Loughborough, UK

- Developed core business logic and algorithms for mobile app using Dart and Flutter, reducing processing time for key features by 45%
- Built backend systems and API integrations to support scalable mobile application architecture
- Collaborated on company website design and implementation, aligning technical implementation with brand requirements

Software Engineering Intern
Jul 2025 — Aug 2025
Open Consulting — London, UK

- Developed reusable data pipeline handling ingestion from SFTP, HTTP, Oracle Cloud, and AWS, reducing data delivery time by 50%
- Implemented CI/CD pipelines with 90% test coverage, decreasing deployment errors by 65%
- Created shared libraries for common functionality, accelerating time-to-launch for new features by 30%
- Collaborated with cross-functional teams to optimise data workflows, supporting data-driven decision-making across 3 departments

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

- Built custom inventory management system with real-time website integration, reducing stock discrepancies by 60% and manual errors by 70%
- Developed full-stack productivity platform for small teams, improving deadline adherence by 30% through real-time task tracking and analytics dashboards
- Created Python-based pixel art editor with custom 2D rendering engine, demonstrating low-level graphics programming capabilities

Selected Projects

pdf2md
- Built a CLI & Self-Hostable tool to convert PDFs to MD files for LLM ingestion.
- cat-loaf/pdf2md

VSCode Tasks Integration Extension
- Published VS Code extension organizing workspace tasks in tree-view interface with one-click execution and status indicators
- vscode-task-view

Python Code Jam 2025
- Built HTML teaching website entirely in Python (theme: "Wrong tool for the job"), showcasing creative problem-solving and unconventional solutions
- cat-loaf/code-jam-2025

Minimalist NewTab Chrome Extension
- Customisable New Tab replacement with quick-access links and personalisation options for improved browser productivity
- cat-loaf/minimalist-newtab

Technical Skills

Languages: Python, JavaScript, TypeScript, Dart, C#, HTML/CSS, SQL

Frameworks & Tools: React, Next.js, Node.js, Express.js, Flutter, Docker, Git

DevOps & Cloud: GitHub Actions, CI/CD, AWS, Oracle Cloud, Firebase, MongoDB

Practices: Agile/Scrum, Full-Stack Development, REST APIs, Version Control, Test Automation