Kaustubh Ajgaonkar

Software Developer

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EXPERIENCE

Software Developer — Mar 2025 – Present
Optel Group — *India*

- Developed robust Python connectors using internal frameworks, integrating multiple data sources for enterprise serialization systems and ensuring reliable data flow for critical business operations
- Implemented comprehensive testing suites including unit and integration tests, achieving 99% system reliability and significantly reducing production bugs
- Led root cause analysis and resolution of high-priority production issues, minimizing customer impact and contributing to long-term fixes
- Enhanced internal framework architecture and reduced technical debt through code refactoring, improving maintainability and development efficiency across multiple projects
- Optimized development workflows through Git version control, automated CI/CD pipelines, and code review processes, improving team productivity and deployment frequency

Software Configuration Engineer — Apr 2021 – Feb 2025
Optel Group — *India*

- Designed and configured track-and-trace systems using xml and python for pharmaceutical clients
- Configured and tested systems, providing support throughout all stages of the project life cycle, reducing support calls by 80%

TECHNICAL SKILLS

Languages: Java, Python, SQL
Frameworks: Spring Boot, Django, Flask
Databases: MySQL, PostgreSQL
Developer Tools: Git, GitLab, GitHub, Docker, CI/CD Pipelines
Cloud Platforms: Amazon Web Services (AWS), PythonAnywhere
CS Fundamentals: Data Structures, Algorithms, System Design, Design Principles and Patterns

PROJECTS

Splitwise Clone | *Java, Springboot, MySQL* — 2025

- Built backend-only expense splitting application with REST APIs for user management, expense tracking, and settlement calculations
- Implemented algorithms for optimization of debts among multiple users

Geek Speak Blog Platform | *Django, PostgreSQL, AWS* — 2024

- Developed full-stack blog platform with CRUD operations, user authentication, and responsive UI
- Deployed on AWS EC2 with automated CI/CD pipeline and optimized database queries

Portfolio Website | *Flask, Python, PythonAnywhere* — 2023

- Built responsive portfolio with Flask framework, dynamic content management, and contact form processing

EDUCATION

Woolf University / Scaler Neovarsity — India
Master of Science in Computer Science — *Ongoing*

Goa University — Goa, India
Bachelor of Engineering in Electronics and Telecommunications — *2016 – 2020*