

# 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*