

Skills

- **Programming Languages** : Java, Python
- **Libraries and Frameworks** : Spring Boot, Django, Flask, MySQL, PostgreSQL
- **Tools** : Git, Gitlab, Github, Docker

Experience

Software Developer

Mar 2025 - Present

Optel Group

- Engineered robust Python connectors using internal framework, improving data integration for serialization systems and ensuring seamless transfer of critical compliance data.
- Executed comprehensive testing strategies, including unit and integration tests, achieving 99% reliability in track-and-trace workflows for pharmaceutical compliance.
- Optimized development workflows by utilizing Git version control and CI/CD pipelines, enhancing deployment efficiency while maintaining high code quality.

Software Configuration Engineer

Apr 2021 - Feb 2025

Optel Group

- Collaborated within the core design team to deliver track and trace systems for industry-leading pharmaceutical companies.
- Utilized Python, Git-GitLab (Version Control System), and XML for system configuration.
- Configured and tested systems, providing support throughout all stages of the project lifecycle, reducing support calls by over 40%

Projects

Geek Speak

- Developed a blog posting platform using Django, enabling users to create, read, update, and delete posts across various categories.
- Implemented PostgreSQL as the database solution.
- Deployed the application on Amazon Web Services: Elastic Cloud Compute.

Portfolio

<https://kaustubh43.pythonanywhere.com/>

- Developed a web portfolio using Flask, Python's web framework, and successfully hosted it on PythonAnywhere.com, showcasing projects and enhancing online visibility.

Achievements

National Recognition at India International Science Festival (2020)

Presented at India International Science Festival (23rd to 25th December 2020) and won 2nd place under the category Atmanirbhar Bharat, for Lifeguard Assist Drone.

International Recognition at Oceans 2020

Presented a paper at the International conference, Oceans 2020, Mississippi, USA, on Lifeguard Assist Drone (organized by IEEE Oceanic Engineering Society. Published a paper in Institute of Electrical and Electronics Engineers (IEEE) Xplore <http://bit.ly/LGADroneIEEE>

Education

Goa University

2020

BE/B.Tech/BS in Electronics and Telecommunications