

# Shardul Patil

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## Summary

Recent graduate with a solid foundation in Python Full Stack Development. Eager to apply theoretical knowledge to real-world challenges. Quick learner, detail-oriented, and passionate about leveraging data for meaningful insights. Seeking opportunities as a Python Developer and Data Scientist.

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## Skills

**Programming Languages:** Python, JavaScript, R

**Web Development:** HTML, CSS, Bootstrap

**Frameworks:** Bootstrap, Flask, Django

**Database:** SQL (MySQL, MongoDB)

**Version Control:** Git

**Tools:** VS Code

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## Experience

### Trainee Software Engineer —

Pelican.ai, Mumbai, MH — 03/23- Present

- Involved in the design and debugging phases throughout project development.
- Coordinated with fellow engineers to assess and enhance software and hardware interfaces.
- Led the deployment and implementation of multiple modules, conducting end-to-end functional testing in the production setup.
- Automated Oracle database script installation using a streamlined shell script, showcasing scripting proficiency and commitment to deployment efficiency.
- Implemented an automated system with a cron job and shell script to monitor server processes, proactively checking and restarting servers for enhanced system reliability.

### Intern Software Engineer —

Cravita Technologies, Pune, MH — 08/22- 01/23

- Actively participated in Python-based project development, contributing to various stages of the software development life cycle.
- Took responsibility for deploying and testing multiple Python modules, gaining experience in end-to-end functional testing in a real-world environment.
- Automated repetitive tasks and processes using Python scripts, streamlining workflow and improving overall project efficiency.

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## Projects

### Face Detection Attendance System —

- Spearheaded the development of a student attendance system leveraging face recognition technology, utilising tools such as Tkinter for the user interface and OpenCV for image processing.
- Expanded the project's scope to serve as a comprehensive Student Management System, demonstrating versatility in addressing broader educational administrative needs.
- Demonstrated strong technical skills by effectively implementing Tkinter for GUI development and leveraging OpenCV for accurate face recognition, contributing to the project's success.

### Notes Application —

- Developed a robust notes-taking application using Flask, incorporating SQLAlchemy for seamless database integration.
- Designed an intuitive user interface utilising Bootstrap 5, enhancing user experience and providing a modern, responsive frontend framework.
- Implemented user creation functionality and empowered users to effortlessly create and manage notes within the application, demonstrating proficiency in full-stack development.