

Shruti Kolpyakwar

Software Developer

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Profile

Computer Science student with a strong foundation in Python and Data Analytics, backed by hands-on experience through a Data Analytics internship at Progrentures. Skilled in extracting insights from structured data, building analytical pipelines, and visualizing trends to support decision-making. Eager to apply my technical strengths in Python, SQL, and data visualization to solve real-world business challenges.

Work Experience

Data Analytics Intern, Progrentures

1 June - 30 June 2025

Social Pulse Analyzer: Uncovering Social Media Engagement for Content Strategy

- Developed a full-stack analytics platform to analyze social media engagement trends using simulated or real datasets.
- Implemented RESTful API using FastAPI to expose insights like top posts, engagement trends, and common hashtags.
- Created a Streamlit-based UI to visualize key metrics interactively through API integration.

Projects

- **Recipe Management System (Django)** – [GitHub](#)
 - Implemented CRUD operations and authentication-based access
 - Integrated update and delete features for each recipe
- **Eco-Friendly E-Commerce Website (Django)** – [GitHub](#)
 - Built platform for eco-cosmetics with cart and checkout features
 - Added user profiles, wishlist functionality, and product reviews
- **Sport Analytics Platform (Django)** – [GitHub](#)
 - Created dashboards, player stats, and participation leaderboards.
 - Added team-wise breakdowns and find out goal

Education

B.E., Computer Science and Engineering, CGPA: 8.4 (5th Sem)

2022-2026

HSC, Sarvodya Jr. College, Sindewahi, 80%

2020–2022

SSC, Kalpataru Vidyamandir, Sindewahi, 87%

2018-2020

Skills

Languages: C, Python, C++ (DSA - Basic), Java, SQL

Frameworks: Django

Libraries: NumPy, Pandas, Matplotlib, Seaborn

Frontend: HTML, CSS, JavaScript

Version Control: Github

Certifications

- [IBM Data Science](#)
- [Python for Data Science & AI](#)
- [Introduction to Data Science](#)
- [Innovo Hackathon Participation](#)

Achievements

- Awarded Scholarship from Foundation For Excellence
- Artwork featured in *Tatwadarshi* Magazine