

# PARTH SHIRODE

## DATA SCIENTIST

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### SUMMARY:

Aspiring Data Scientist experienced in Statistics and Mathematics. Building and deploying ML and deep learning models using Python, TensorFlow, and Scikit-learn. Developed NLP and predictive systems and integrated them into Flask/Streamlit applications. Strong in data preprocessing, model training, and ML deployment pipelines.

### WORK EXPERIENCE:

CodeSpyder Technologies

Data Science Intern | August, 2025 – January, 2026

- Developed Full-Stack Flask app integrating ML/DL models for e-commerce.
- Architected GenAI features using Python to automate content generation.
- Deployed Deep Learning models with Flask for real-time inference.
- Built end-to-end Data Pipelines using SQL and Python frameworks.

### RELEVANT PROJECTS:

**Next Word Prediction using LSTM** | [Github](#) | [Live Demo](#)

Dec'25

**Tech:** Python, TensorFlow, Keras, NLTK, Streamlit

- Developed and deployed an LSTM-based next-word prediction model with accuracy score of 85.6%
- Designed embedding + stacked LSTM architecture
- Deployed interactive web app

**Car Servicing Time Prediction** | [Github](#) | [Live Demo](#)

Oct'25

**Tech:** Python, Scikit-learn, Flask

- Built regression model for service time estimation with R2 score of 0.92
- Perform EDA on vehicle service time data
- Integrated model into Flask interface

**Mini E-commerce Platform** | [Github](#) | [Live Demo](#)

Sep'25

**Tech:** Python, Flask, HTML, CSS

- Developed multi-role e-commerce web application with Admin, Seller, and Customer access control
- Implemented CRUD operations using Flask backend.
- Developed responsive templates and authentication mechanisms using Flask and HTML/CSS.

### EDUCATION:

**B.E. Electronics & Telecommunication Engineering**

Savitribai Phule Pune University, Pune | Nov'22 – June'26

CGPA: 6.92/10

**Class XII (MSBSHSE)**

Ambrosia English Medium School & Jr. College, Nashik | March'22

Percentage: 71.17%

**Class X (MSBSHSE)**

L.P.D.P. Maratha English School, Satana | March'20

Percentage: 92.60%

### SKILLS:

- **Programming:** Python, Java
- **Machine Learning:** Regression, Classification, Model Evaluation
- **Deep Learning:** LSTM, Neural Networks (TensorFlow/Keras)
- **Natural Language Processing:** Tokenization, Text Preprocessing, N-grams
- **Generative AI:** LLM's, RAG Pipelines, LangChain, LangGraph, Agentic AI Workflow
- **Deployment:** Flask, REST API, Streamlit
- **Data & Tools:** SQL, Pandas, NumPy, NLTK, Git, Postman, Power BI