

PARTH SHIRODE

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Education

Smt. Kashibai Navale College of Engineering, Pune	2022 - 2026
• Electronics and Telecommunications CGPA: 6.92/10	
Ambrosia English Medium School and Jr. College, Nashik	2020 - 2022
• <i>MSBSHSE (Class XII)</i> , Aggregate: 71.17%	
L.P.D.P Maratha English School, Satana	2014 - 2020
• <i>MSBSHSE (Class X)</i> , Aggregate: 92.60%	

Skills

Python | Java | Data Analytics | Machine Learning | Deep Learning | Gen-AI | Power BI | LangChain

Work Experience

CodeSpyder Technologies Python & Data Science Intern	Aug'25-Present
• Developed and deployed machine learning models with Flask REST APIs; controlled and tested APIs using Postman for reliable model integration.	
• Implemented web scraping scripts independently for data extraction tasks, and deployed web applications on Render with version control managed through Git.	

Projects

Mini e-commerce Platform using Python and Flask	Sep'25
Developed a mini e-commerce platform using Flask with dynamic HTML templates styled with inline CSS to provide a responsive user interface.	
• Implemented CRUD operations to manage products, orders, and user data efficiently in the backend.	
• Designed role-based access control with three types of logged-in users: Seller for managing products, Admin for overseeing the entire platform, and Customer for browsing and placing orders, ensuring secure and customized user experiences.	

Car Servicing Time Prediction using ML	Oct'25
Developed a machine learning-based system to predict the estimated servicing time of vehicles based on historical data, service type, and vehicle details	
• Built and trained multiple regression models using scikit-learn to analyze key parameters such as service category, vehicle age, and previous maintenance records.	
• Integrated the model into a Flask web interface, allowing users to input service details and instantly get predicted servicing time.	

Next Word Prediction System using NLP and Deep Learning	Jan'25
Developed an AI-powered text suggestion engine using Python and Long Short-Term Memory (LSTM) networks to predict the most probable next word in a sequence.	
• Built a custom NLP pipeline using TensorFlow/Keras and NLTK to preprocess large text corpora, including tokenization, stop-word removal, and N-gram sequence generation.	
• Designed a multi-layer deep learning architecture featuring Embedding layers and LSTMs to capture long-range linguistic dependencies and sequential patterns.	
• Integrated the trained model into a Streamlit web application, enabling real-time predictions via an interactive frontend where users receive instant "autocomplete" style suggestions.	

Achievements and Certifications

- Secures 1st rank in STES, **Techtonic Quiz Competition**
- Completed '**Introduction to Data Science**' by Cisco Networking Academy
- Completed Workshop on '**Green Skills and Artificial Intelligence**' by Edunet Foundation under 'Skills4Future' Program
- Completed '**AI Foundations Associate**' by Oracle Cloud Infrastructure.