

Akanksha Shivale

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EDUCATION

Master of Science (M.Sc.-Tech: Industrial Mathematics with Computer Applications)	2023 – 2025
Department of Mathematics, Savitribai Phule Pune University, Pune	
Bachelor of Science (B.Sc.)	2020 – 2023
Majors: Mathematics	
Modern College, Shivajinagar, Pune	

SKILLS

Programming Languages: Python
Database: MySQL
Tools/Technologies: Power BI | MS Excel | Flask
Industry Knowledge: Deep Learning | Machine learning | Data analysis | Database Management System (DBMS) | Object Oriented Programming Core
Subjects: Linear Algebra | Data Mining | Probability and Statistics | Statistical Inference | Data Structures and Algorithm | Design and Analysis of Algorithm

WORK EXPERIENCE

Prushal Technology Pvt. Ltd., Pune	Feb 2025 – Present (Onsite)
AI/ML Engineer Trainee	
Working on voice-enabled chatbots—one rule-based and one LLM-based—focusing on speech recognition, NLP, and optimizing answers for real-time user interaction.	
Blue Planet Info Solution India Pvt. Ltd.	May 2024 - July 2024, Pune
Data Analyst Intern	
Collected and curated data from various online sources using both manual methods and web tools. Performed data cleaning and organization to ensure high quality and accuracy. Collaborated closely with a team to processes and achieve project goals effectively.	

PROJECTS

<u>Voice-Enabled Chatbot: Infi (Gemini API + Rule-Based)</u>	(Feb 2025 - April 2025)
Prushal Technology – Internship	
Built and deployed a voice-enabled chatbot using Gemini API and rule-based logic to provide company info, services, and contact details.	
<u>End-to-End Regression Pipeline</u>	(Completed: Jan 2025)
Developed a customizable machine learning pipeline for regression tasks, incorporating data preprocessing, feature selection, model training, and evaluation. The project supported algorithms such as Random Forest, XG Boost, and SVR, with hyperparameter tuning through grid search. It streamlined workflows and evaluated models using metrics like MSE, RMSE, MAE, and R ² Score.	