



GAYATRI R. PAWAR

Roll No.: 242191017

Masters Of Technology

Software Engineering

Veermata Jijabai Technological Institute, Mumbai

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EDUCATION

- **Veermata Jijabai Technological Institute (VJTI)** 2026
Masters Of Technology in Software Engineering CGPA/percentage: 8.68
- **Shram Sadhana Bombay Trust College Of Engineering And Technology, Jalgaon** 2023
Computer Engineering, North Maharashtra University CGPA/percentage: 9.26
- **KCES's, Moolji Jaitha (Autonomous) College's Swami Vivekanand Junior College, Jalgaon** 2019
HSC, Maharashtra State Board of Secondary and Higher Secondary Education CGPA/percentage: 60
- **New English Medium School, Jalgaon** 2017
SSC, Maharashtra State Board of Secondary and Higher Secondary Education CGPA/Percentage: 89.60

EXPERIENCE

- **Smart Genesis Pvt Ltd** Oct 2022 – Jan 2023
Python Developer Intern
 - Developed Python automation scripts for data cleaning, transformation, and internal workflow support.
 - Built utility modules and assisted in integrating them into existing tools.
- **TickTech IT Solutions** Jul 2022 – Aug 2022
Web Developer Intern — Food Delivery Website (Frontend)
 - Developed responsive front-end pages using HTML, CSS, JavaScript, and Bootstrap.
 - Improved UI/UX for menu browsing, navigation, and ordering flow.

PERSONAL PROJECTS

- **A Spatio-Temporal Hybrid Framework for Flood Prediction and Inundation Mapping** 2025 – 2026
 - *Research-oriented flood forecasting and inundation mapping using climate reanalysis and terrain data.*
 - Performed spatio-temporal flood analysis using climate reanalysis and DEM datasets.
 - Generated GIS-based flood inundation maps for flood risk assessment.
 - Evaluated performance using standard hydrological metrics (R^2 , RMSE, NSE).
 - **Tools:** Python, TensorFlow, ERA5, DEM, GIS, Streamlit
- **LLM Chatbot using Ollama (AWS Deployment)** Aug 2025
 - *Built and deployed an LLM chatbot using Ollama on an AWS EC2 Linux instance for real-time responses.*
 - Configured the Ollama server on AWS EC2 and optimized secure access.
 - Built a Flask API with a minimal chat UI and deployed it using Nginx.
 - **Tools:** Python, Flask, Ollama, AWS EC2, Linux, Nginx
 - **Skills:** LLMs, API Development, Model Deployment, Server Configuration
- **Job Placement Classification (Machine Learning)** Nov 2024
 - *Built a machine learning model to predict student placement outcomes with 90% accuracy using SVC.*
 - Performed data preprocessing, feature engineering, and model evaluation using Python.
 - Created visual insights with Seaborn and validated the model over multiple datasets.
 - **Tools:** Jupyter Notebook
 - **Skills:** NumPy, Pandas, Scikit-learn, ML (Supervised/Unsupervised), Seaborn
- **GlobalMart E-commerce Data Analytics Project** Oct 2024
 - *Analyzed sales, customer behavior, and operational data to generate insights and build interactive dashboards.*
 - Cleaned and transformed raw datasets using Power Query and SQL to prepare analysis-ready data.
 - Designed dashboards highlighting product trends, category performance, sales KPIs, and regional metrics.
 - **Tools:** Power BI Desktop, Power BI Service, Power Query Editor, HeidiSQL
 - **Skills:** DAX, Calculated Columns, Data Modeling, SQL (DML/DDL/DQL), Joins, Subqueries, Visualizations

ACCOMPLISHMENTS AND CERTIFICATES

- **IBM Python for Data Analytics** Jun 2024
- **Milestone Statelevel Activity** Participated in CChamp and winner in Hydro-Launch Jan 2021
- **Volunteered in NSS (National Service Scheme) at Kadholi in Jan 2020** Jan 2020