

Dipali Sandu Tompe

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EDUCATION

WAINGANGA COLLAGE OF ENGINEERING AND MANAGEMENT

Bachelor of Engineering in Computer Science

Nov 2022 - Jun 2025

SGPA: 9.36

GOVERNMENT POLYTECHNIC AMBAD (MSBTE)

Diploma in Computer Engineering

Jun 2019 - Jun 2022

73.37%

TECHNICAL EXPERIENCE

MOH SoftTech, Hyderabad | Graduate Associate Trainee

Aug 2025- Current

- Worked on developing Django-based modules and REST APIs for insurance analytics, handling large-scale real-time data.
- Performed data cleaning, visualization, and AI/ML modeling to extract insights and support business decisions.
- Conducted functional testing, API testing, and model validation to ensure accuracy, performance, and system reliability.

AD Infocom Systems, Nagpur | Data Science Intern

Aug 2024 – an 2025

- Worked on data collection, cleaning, and exploratory data analysis using Python and SQL.
- Built and evaluated machine learning models for prediction and classification tasks.
- Created visual reports using Matplotlib/Seaborn to support data-driven decisions.
- Collaborated with the team to present insights and improve project outcomes.

PROJECTS

Insurance Data Analysis

Aug 2025 – Current

- Developed an end-to-end Insurance Data Analysis system processing **3.2M+ real-time records** using Django, APIs, and automated pipelines.
- Performed data cleaning, exploratory analysis, and machine learning modeling for risk prediction and insights.
- Built scalable data pipelines and integrated ML outputs into a Django dashboard for real-time decision support. a Python-based desktop assistant leveraging Natural Language Processing (NLP) to execute tasks via voice commands.

SuperStore Backend System

July 2025

- Built a complete backend system for managing a superstore's inventory, billing, and users using Django's built-in views and templates. Implemented modules for product management, real-time stock tracking, invoice generation, and user role-based access. Leveraged Django Admin for managing data and monitoring daily sales. Utilized Django for backend development and MySQL for database management, ensuring secure data handling and efficient performance.

TECHNICAL SKILLS

- **Programming Languages & Databases:** Python, SQL, DBMS (MySQL, SQLite, MongoDB).
- **Frontend & Backend Development:** HTML, CSS, JavaScript (Basic), Rest API, ORM, DRF.
- **Libraries/Framework:** Seaborn, NumPy, Pandas, Matplotlib, Django, Flask.
- **Concepts:** Data Analysis & Visualization, NLP, Linux, AI/ML, Git, GitHub.
- **Tools & Platforms:** VS Code, IDLE, Jupyter Notebook, MySQL / PostgreSQL, Linux Environment, Postman.
- **Soft Skills:** Communication, Team Collaboration, Time Management, Documentation.

CERTIFICATION

- **PYTHON PROGRAMMING**
- **DATA ANALYSIS**
- **WEB DEVELOPMENT**