

# SRUSHTI DIPAK PAWAR

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## Education

**Arvind Gavali College of Engineering, Satara**  
B.Tech in Computer Science

*Expected May 2026*  
CGPA: 8.2/10

**Sadguru Gadge Maharaj College, Karad**  
Higher Secondary School **Adarsh Vidhyamandir, Wing**  
Secondary School Certificate

*2022*  
*2020*  
Percentage: 92.80%

## Profile Summary

Aspiring Data Analyst and ML Researcher proficient in **Python, Data Visualization, and Machine Learning**. Strong analytical mindset with the ability to transform complex data into actionable insights. Passionate about applying ML to research and innovation, and eager to contribute to impactful projects.

## Projects

- **Smart Placement Prediction for Placement Drive** – Developed a machine learning system to predict student placement eligibility, job role, and salary package using academic and skill-based inputs. Implemented *Python (Flask), Scikit-learn, and MySQL* with Logistic Regression and Linear Regression models for accurate predictions. Designed a dual-portal system: students submit details and expectations, while admins monitor placement statistics through interactive dashboards and charts. Enhanced with data visualization to identify hiring patterns, performance trends, and salary insights. Deployed as a web-based tool to support placement drives and decision-making for both students and faculty. **GitHub**
- **College Events Portal** – Built a full-stack web application using *Python (Flask), MySQL, and JavaScript* for managing college events. Students can browse upcoming events, register, and track their participation history. Admins can create, update, and delete events, and view detailed registration analytics through an interactive dashboard. Implemented backend logic in Python for event management, registration handling, and database operations. The portal enhances event organization efficiency and provides actionable insights into student engagement. **GitHub**
- **Prediction of Student Academic Success** – Built a predictive analytics system using *Python (Scikit-learn, Pandas), MySQL, and Flask* to forecast student academic performance. Utilized historical grades, attendance records, and skill assessments as input features for regression and classification models. Implemented interactive dashboards for visualizing predictions and performance trends. Designed backend logic to store, process, and retrieve student data efficiently, providing actionable insights to educators and students. The application supports early intervention strategies and enhances data-driven academic planning. **GitHub**

## Certifications

- Certified in **Full Stack Development**
- **NPTEL – Machine Learning (IIT Madras)** – Top 5% (Score: 78/100)
- **LeetCode SQL Medal** – Solved **50+ MySQL problems** and earned a **LeetCode SQL Badge**
- Hands-on Data Visualization – Infosys Springboard

## Skills

**Programming:** Python, JavaScript, C++, C

**Web:** HTML, CSS, Node.js, React.js, java

**Database:** SQL

**Tools:** VSCode, PyCharm, AWS, Git, GitHub, MySQL

**Math:** Linear Algebra, Probability, Statistics, Calculus, Optimization..

Data processing ,Machine Learning , Power BI , Data Visualization