

# Sharvani Marne

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## EDUCATION

**Pimpri Chinchwad College of Engineering, Pune**  
*Information Technology*

May 2027  
CGPA: 8.28

## ACHIEVEMENTS

- Research Paper Presentation – *Binary Search Tree as an ADT in Healthcare Diagnosis* | Innoveda Research 2024
- Research Paper Presentation – *Investment Banking, Asset Management & Hedge Funds* | Baby Conference (PCCOE Mechanical Dept.) 2025
- Paper Author – *Startup Failure vs. Success: A Design Thinking Perspective* | Design Thinking & Innovation Management Mini Conference 2025
- Certified in SQL (Basic & Intermediate) – HackerRank | Computer Networking – Simplilearn | ChatGPT & Generative AI – Udemy
- Deloitte Australia Data Analytics Job Simulation on Forage - June 2025

Completed a Deloitte job simulation involving data analysis and forensic technology

Created a data dashboard using Tableau

Used Excel to classify data and draw business conclusions

## PROJECTS

**Amazon E-Commerce Data Analysis** | *Python, Excel, Pandas, Matplotlib, Seaborn* Feb 2024

- Internship Project at Internkaksha.
- Developed dashboards to highlight sales trends and customer preferences.

**HDFC Bank Stock Analysis** | *Excel* Oct 2024

- Extracted and Structured historical stock data from Yahoo Finance.
- Conducted detailed financial analysis across P&L statements, quarterly reports, cash flow, balance sheets, and peer comparisons using Excel formulas.
- Visualized key stock metrics including current stock levels, stock turnover ratio, days inventory outstanding, and demand forecasting.
- Designed charts and developed interactive dashboards for effective financial insight presentation.

**Enhancing Sleep Quality through Lifestyle Analysis** | *R, ggplot2, dplyr* Nov. 2024

- Analyzed sleep patterns, stress, and physical activity to reveal health trends.
- Used R for statistical modeling and visualization of multidimensional data.

**Student Performance Prediction** | *Python, NumPy, Pandas, Jupyter Notebook, Scikit-learn* Nov. 2024

- Built ML models to predict academic performance using behavioral and demographic data.
- Applied data preprocessing, and classification algorithms for predictive insights.

**Smart Waste Management System** | *Java, OOP, Console Application* Nov. 2024

- Developed a modular console-based system to manage waste bins, operators, users, and pickup schedules using Object-Oriented Programming in Java.
- Implemented features like overflow notifications, automatic pickup scheduling, nearest-bin detection, and status reporting using collections (ArrayList, HashMap) and exception handling.
- Demonstrated principles of encapsulation, modularity, and clean code architecture in a real-world problem simulation.

**Field Focus: Comprehensive Support for Farmers** | *HTML, CSS, JavaScript* Mar. 2025

- Developed a website offering financial management tools, resource allocation ,training modules, survey integration and user management and contact forms.

## EXTRACURRICULARS

**Attended Web Development Workshop by PCCOE GDSC** Feb 2024

**PCCOE Innovation and Incubation Cell** | *Documentation Team* Feb 2025-Present

## SKILLS

**Languages:** Python, Java, JavaScript, HTML/CSS ,R

**Tools:** MySQL, VS Code, Jupyter Notebook, Git/GitHub , R Studio , Excel , Word

**Libraries:** Pandas, NumPy, ScikitLearn, Matplotlib, Seaborn, dplyr, ggplot2

**Soft Skills:** Communication, Problem Solving, Critical Thinking