

# 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 (Array List, 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