

SANJANA PALKAR

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SUMMARY

Proficient in developing full-stack applications with Python, Java, and C#, with hands-on experience in Machine Learning, Explainable AI (XAI), and web development. Seeking a challenging Software Development Engineer role to apply diverse technical skills and contribute to innovative software solutions.

EDUCATION

Master of Computer Applications (MCA)	CGPA:9.4	Aug 2024 - Present
Sardar Patel Institute of Technology, Mumbai, IN		
Bachelor of Science in Information Technology (BSc IT)	CGPA:9.75	May 2021 - May 2024
Dnyandeep College of Science And Commerce, Ratnagiri, IN		

SKILLS

- **Programming Languages:** Java, Python, C#, SQL
- **Frontend Technologies:** HTML, CSS, JSP, Tailwind CSS, Streamlit
- **Backend Technologies & Databases:** Java Servlets, Scikit-learn, XGBoost, SHAP, SQLAlchemy, PostgreSQL, MySQL
- **Developer Tools & Platforms:** Git, GitHub, VS Code, Postman, Streamlit Community Cloud

PROJECTS

Explainable AI Financial Advisor (Python, ML & XAI)	Present
<ul style="list-style-type: none">• Engineered an AI financial advisor using Python and XGBoost for personalized risk profiling and investment advice.• Implemented Explainable AI (XAI) with SHAP to provide transparent, understandable model recommendations.• Built and deployed a full-stack application with a Streamlit UI, Python backend, and PostgreSQL database.	

Online Student Feedback Management System (Java Web)	April 2025-May 2025
<ul style="list-style-type: none">• Developed a web application using Java Servlets, JSP, and MySQL for student feedback submission and admin analytics.• Engineered secure user authentication and role-based access control (Student/Admin) using Java Servlets.	

College Management System (C# & .NET)	May2023-Jan 2024
<ul style="list-style-type: none">• Built a comprehensive desktop application using C# and MySQL for managing student and faculty data.• Designed a normalized database schema to ensure data integrity and efficient performance.	

LEADERSHIP & KEY ACHIEVEMENTS

- **Creative Subcommittee Member** | Sardar Patel Institute of Technology **Present**
- Coordinate with a team to design and promote institute-level technical events, developing promotional materials and student engagement strategies.
- **Undergraduate Leadership & Academic Excellence** **May 2021-May 2024**
- **University-Level Recognition:** Secured top-three rankings in University and Zonal-level competitions for English Debate and Creative Writing, demonstrating strong communication and analytical skills.