

Tanisha Rani

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SKILLS

Languages: Python, Java
Tools/Platforms: MS SQL Server, VS Code, MySQL Command line
Soft Skills: Problem-Solving Skills, Team Player, Project Management, Adaptability

PROJECTS

Medi Vault(Smarter Hospital Management System) |Java Swing, MySQL CommandLine, JDBC May'25

- Streamlined hospital operations by developing MediVault, an innovative system for smart appointment booking and real-time notifications.
- Managing prescriptions, lab reports, medical history, billing, payments, feedback, and patient details through a comprehensive and integrated platform.
- Ensures admin-controlled access to manage doctors, patient records, and all hospital services securely and efficiently.

Weather Description App | Python, STREAMLIT, JSON, Requests Jan' 25

- Develop a Python-based weather description app that fetches real-time weather data using an API.
- Display current temperature, humidity, and weather conditions in a user-friendly interface.
- Enhance the app with features like location-based updates and customizable weather alerts.

Heart Disease Prediction | Python, Pandas, Scikit-Learn, Matplotlib& Seaborn Dec' 24

- Develop a Python-based heart disease prediction model using machine learning algorithms.
- Analysed patient health data, including age, cholesterol levels, and blood pressure, to predict risks.
- Enhance accuracy with data preprocessing, feature selection, and model optimization techniques.

CERTIFICATES

- Participated in Hackathon (HackSprint) |LPU Feb'25
- 10 -days Python Bootcamp |IBM Jan'25
- Youth Employment Program (YEP) |TCS Empowers Sept'23
- Tcs iON Career Edge Young Professional Training Program |TCS Aug'23

ACHIEVEMENTS

Co-ordinator of Student Academic Advisory Committee May'25

Selected as Co-ordinator of Academic advisory committee under the policy of Edu-Rev by the university.

President of Sigma-The Mathematical Society Apr '24

Collaborative platform that deeper understanding of mathematical concepts through engaging activities.

Vice-President of Women Study Cell Apr '24

This Cell fosters confidence, equality, and leadership through impactful events and initiatives in Women.

Participated in Youth parliament (twice): Mar '23, 24

Secured IInd position and Consolation Prize respectively .

EDUCATION

Lovely Professional University Phagwara, Punjab

Masters in Computer Application Hons. (AI&ML); CGPA: 8.33 Aug'24-Present

Mukand Lal National College, KUK University Yamunanagar, Haryana

Bachelors in Science NM; Percentage: 80% Aug'21-May '24

Mukand Lal Public School Yamunanagar, Haryana

Intermediate; Percentage: 93% Apr'20 – Mar'2021

Mukand Lal Public School Yamunanagar, Haryana

Matriculation; Percentage: 89.8% Apr'18- Mar '19

