

Vakiti Nishivardhan Reddy

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PROJECTS

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- **Player Performance Dashboard (Python, Pandas, Matplotlib, Plotly, EDA)** *Sep - Oct 2024*
 - Developed an interactive dashboard to analyze and visualize cricket player performance metrics.
 - Conducted Exploratory Data Analysis (EDA) to identify trends in runs, strike rates, and batting averages.
 - Utilized line charts, bar graphs, and scatter plots for year-wise tracking and player comparisons.
 - Implemented data cleaning techniques to handle missing values, outliers, and inconsistencies.
 - **Healthcare Diagnosis Assistant (Python, Streamlit, Machine Learning, Docker, Azure)** *Apr - May 2024*
 - Built a machine learning-powered web application for early disease detection.
 - Developed a Multinomial Naive Bayes model to predict diseases based on user-input symptoms.
 - Designed an interactive Streamlit UI to provide quick and reliable health predictions.
 - Focused on early detection, misdiagnosis reduction, and preventive healthcare measures.
 - Deployed using Docker & CI/CD on Azure for scalability.
 - **TeachersPortal (Java, DSA, MySQL, Swing)** *May - Apr 2023*
 - Developed a Java-based academic portal to manage student and course data efficiently.
 - Implemented CRUD operations for student records, course details, and grade tracking.
 - Optimized performance using Data Structures & Algorithms (DSA) for searching and sorting.
 - Integrated MySQL for persistent data storage and improved record management.
 - Designed an interactive Swing UI to replace the command-line interface.

CERTIFICATIONS

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- Complete Machine Learning & Data Science (Geeks for Geeks) *June 2024*
 - The Complete Web Developer Course 2.0 (Infosys Springboard) *Feb 2023*

SKILLS

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- **Programming Languages:** Python, SQL, Java, HTML, CSS
 - **Data Science Tools:** NumPy, Pandas, Matplotlib, Seaborn, Plotly, Data Analysis with Python
 - **Development Tools:** Git, GitHub Actions, Docker, Azure, Streamlit, Selenium.
 - **Non-Technical Skills:** Time Management, Problem-Solving, Team Collaboration, Adaptability

ACHIEVEMENTS

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- Hackathon: India Tour of Open Source Punjab Edition (Microsoft Learn Student Ambassador) *Nov 2022*
 - Actively participated in blockchain testnets, identifying bugs, validating transactions, and ensuring network stability before mainnet launches. *2024 - Present*

EDUCATION

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- **Lovely Professional University, Phagwara, Punjab.** *2022 - Present*
 - Bachelor of Technology - Computer Science and Engineering (Data Science with ML) *CGPA: 6.71*
 - Relevant Coursework:** Data Structures, Design and Analysis of Algorithms, Computer Networks, Operating Systems, Computer Organization and Architecture, Database Management Systems.
 - **Narayana Junior College, Hyderabad, Telangana.** *2020 -2022*
 - XII *Percentage: 83.7*