

Rimjhim Jha

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Education

VIT Bhopal University <i>BTech in Computer Science and Engineering (CGPA: 8.53 / 10)</i>	Expected May, 2026 Bhopal, MP
Kendriya Vidyalaya Bolarum <i>12th Standard, CBSE (Cumulative Percentage: 78.8 %)</i>	July, 2022 Hyderabad, Telengana
Kendriya Vidyalaya Bolarum <i>10th Standard, CBSE (Cumulative Percentage: 91.6 %)</i>	April, 2020 Hyderabad, Telengana

Projects

Credit Card Fraud Detection <i>Machine Learning– Python</i>	Mar 2024 - May 2024
<ul style="list-style-type: none">Developed a Credit Card Fraud Detection System utilizing Python and Machine Learning, employing Logistic Regression as the primary model.Achieved a training data accuracy of 94.1% and testing data accuracy of 93.9%, demonstrating strong predictive performance.Implemented feature engineering techniques and model optimization to enhance fraud detection capabilities and minimize false positives.	
Parkinson Disease Prediction Model <i>Machine Learning – Python</i>	Jan 2024 - Mar 2024
<ul style="list-style-type: none">Utilized Kaggle dataset in Python for Parkinson's disease prediction using scikit-learn's SVM, enabling early diagnosis and intervention based on patient data.Achieved 88.46 % training accuracy and 87.18% testing accuracy, demonstrating the model's efficiency in identifying Parkinson's patterns.Showcased the model's clinical potential as a reliable tool for disease diagnosis and monitoring, promising improved patient care strategies.	

Extracurricular

- Designed and studied Python algorithms for auto-correction, emotion analysis, and hate detection.
- Developed Career Compass, a student-focused platform offering mentorship, structured learning roadmaps, and a vibrant community to empower students in tech using HTML,CSS and JS.
- Solved 150+ DSA questions across various platforms. Earned 3 stars in Python and 2 stars in C++ on Hackerrank respectively, showcasing proficiency in diverse coding languages.

Activities

Entrepreneurship Cell , VIT Bhopal <i>Co-Lead of Social-Media Team</i>	Jan 2024 - Present
<ul style="list-style-type: none">Handling social media platforms and assisting in event organization, ensuring active engagement and smooth event execution for effective brand representation.Acquired communication, collaborative teamwork, and efficient time management skills via active involvement in Entrepreneurship Cell activities.	

Technical Skills

Languages: C, C++, Python,Java, HTML, CSS, and JavaScript.
Technologies & Frameworks: TensorFlow, PyTorch, scikit-learn, NumPy, Pandas, NLTK, spaCy, Jupyter Notebook, Git, GitHub, and MySQL.
Concepts: Object-Oriented Programming Systems, Data Structures, Algorithms, Operating Systems, Computer Networks, Cloud Computing, Database Management Systems, and System Design.
Certifications & Training: Bits and Bytes of Computer Networking by Google (Coursera), Machine Learning Specialization by DeepLearning.AI (Coursera- Ongoing), Cloud Computing by IIT KGP (NPTEL).