

Rashi Dubey

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Education

VIT Bhopal University BTech Major in Computer Science; Minors in Artificial Intelligence and Machine Learning Cumulative GPA: 8.7/10	Bhopal, Madhya Pradesh Expected 2026
Mahadevi Birla Shishu Vihar 12th Standard ISC Percentage: 90%	Kolkata, West Bengal July 2022
Mahadevi Birla Shishu Vihar 10th Standard ICSE Percentage: 93.8%	Kolkata, West Bengal July 2020

Experience

Software Developer Engineer (SDE) Intern Tuleip AI Solutions	Remote January 2025 – April 2025
<ul style="list-style-type: none">Designed interactive web interfaces using Figma, improving usability and design consistency.Built full-stack features using ReactJS, Next.js, and integrated AI workflows via n8n.io and RAG-based LLM pipelines.	

Projects

Micro Task Vault	September 2024 – April 2025
<ul style="list-style-type: none">A web SaaS project led by an eight-member team.The project aims to provide a freelance platform starting with two services: Dataset Labelling and Thumbnail Rating, where the client offers a crypto amount that is divided equally among the freelancers.The frontend has been developed using Next.js. Supabase is used for backend and database.	
Deepfake Detection	January 2024 – April 2024
<ul style="list-style-type: none">Collaborated in a five-member team using Python Notebooks to build a deepfake detection model.Deep Learning, specifically ResNet-50 Neural Networks, was the technique used for this model.This project read all the videos from two datasets, CelebDF (Celeb Deepfake) and DFDC (Deepfake Detection Challenge), and displayed whether it is a deepfake or not with an 80% accuracy.	
Flight Price Prediction System	December 2023
<ul style="list-style-type: none">A Machine Learning project using Python that detects the price of a flight after reading its date, time, number of stops, departure location and arrival location.Implemented Supervised Regression model on a dataset of 500 flights including the previously mentioned attributes, to detect the price of the flight.Achieved a 95% accuracy in prediction.	
Plant Leaf Disease Detection	August 2023 – November 2023
<ul style="list-style-type: none">Developed a project on Python Notebooks along with the help of four more team members.Trained and tested three supervised ML algorithms, Support Vector Machine, Random Forest and Convolutional Neural Networks, were trained and tested to implement instance segmentation on a dataset of 150 images of apple leaves.Reading all the plant leaves images from the dataset, the project revealed the type of disease the leaf has.Achieved a 90% accuracy and authored a review paper discussing various plant leaf diseases.	

Extracurricular

AI Club Core Member	VIT Bhopal May 2023 – May 2024
<ul style="list-style-type: none">Core member of the editorial team, contributed in an article for <i>Tech DAIgest Magazine</i>, a monthly publication for the students of VIT Bhopal University	
Health-O-Tech Club Core Member	VIT Bhopal April 2023 – April 2024
<ul style="list-style-type: none">Core member of the event management team and helped in managing a quiz competition organized by the club which had a participation of 120 participants. Also organized a hackathon, "Genesis X" that received a participation of 50 participants.	

Additional

Technical Skills: Data Structures & Algorithms (DSA) | *Coding Languages:* Java, C++, Python | *Python Frameworks and Libraries:* Pandas, Tensorflow, Scikit-learn, NumPy, Matplotlib | *Deep Learning:* CNN, RNN | *JavaScript Frameworks:* Node.js, React.js, Next.js | *Others:* Git, GitHub, SQL

Languages: Fluent in English, Hindi | Conversational in Bengali

Certifications & Training: Online Course in C++ by University of Illinois Urbana Champaign (Coursera) – April 2023, Applied Machine Learning by University of Michigan (Coursera) – December 2023, Python Essentials-VITyarthi, Computer Vision-VITyarthi