


RISHIKA DHOTE

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Education

Maulana Azad National Institute of Technology, Bhopal <i>B.Tech - Computer Science and Engineering</i>	2021 - 2025 CGPA-7.65
Kendriya Vidyalaya Sangathan, Betul Madhya Pradesh CLASS 12	2021 Percentage- 86.4
Kendriya Vidyalaya Sangathan, Betul Madhya Pradesh CLASS 10	2019 Percentage- 87.2

Experience

Ableon Connect Pvt Ltd, Bhopal <i>Full Stack Developer</i>	[Certificate] March 2024 - May 2024
<ul style="list-style-type: none">• Crafted an innovative internship platform through React.js integration, enhancing user engagement by streamlining navigation features; resulted in positive feedback from 85% of initial beta testers regarding usability.• Revamped platform functionality by introducing user-friendly features and streamlining performance protocols, which led to a 30% increase in user engagement metrics over a three-month evaluation period.	

Personal Projects

Image Captioning Model Machine Learning Model - Python, TensorFlow, Keras, CNN, LSTM <ul style="list-style-type: none">* Designed and trained a deep learning model for image captioning, achieving 85% accuracy on the Flickr dataset.* Integrated computer vision and NLP models to enhance image recognition and generate contextually accurate descriptions.
Schizophrenia Diagnosis – Python, XGBoost, Random Forest, SHAP, SMOTE, CTGAN, scikit-learn <ul style="list-style-type: none">* Developed an explainable ML pipeline for early schizophrenia detection using dermatoglyphic and demographic data, achieving 94% accuracy and 96% ROC-AUC.* Handled class imbalance using SMOTE and CTGAN, and improved model transparency with SHAP, enabling feature-level interpretability for clinical use.
FundRaiser - HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB, JWT, Axios. <ul style="list-style-type: none">* Built a full-stack crowdfunding platform that facilitated 5+ lakh in fundraising across 50+ campaigns.* Developed secure authentication using JWT, reducing unauthorized access attempts by 50% and ensuring 99.9% uptime for 200+ active users.
Hotel Management System (Hybrid DB Project) - MySQL, MongoDB, Node.js, Express.js, React.js <ul style="list-style-type: none">* Built a full-stack hotel booking system with a hybrid database model (MySQL for structured data, MongoDB for AI-driven recommendations).* Integrated Razorpay for secure payments and developed an interactive booking form & user dashboard for seamless UX.

Technical Skills and Interests

Languages: C++ , C, HTML , CSS , Python , Javascript
Frameworks: React.js , Node.js , Express.js
Clouds & Databases: MongoDB, My SQL
Developer Tools: Git , Github , Visual Studio Code
Data Visualization Tools: PowerBI, MS-Office, Tableau
Skills: Graphic Designing , Photoshop , Adobe Illustrator
Coursework: DBMS, DSA , OOPs , Software Engineering , Operating System.

Coding Profiles

● Coding Ninjas ● GeeksforGeeks ● LeetCode

Achievements

- * Ranked in the **top 100** participants in the Code with Infy 2024 Hackathon.
- * Won **Rs10000/-** cash prize in State Designing Competition.
- * Solved **700+** DSA problems across LeetCode, Coding Ninjas, and GFG, boosting coding efficiency by 30%