RISHIKA DHOTE

📞 9993811005 | ✉ rishikadhote99@gmail.com | in Linkedin | 🐙 Github | 🌐 Portfolio

EDUCATION

Maulana Azad National Institute of Technology	**Bhopal, MP**
B.Tech - Computer Science and Engineering - **GPA: 7.65**	*Dec. 2021 – May 2025*
Kendriya Vidyalaya Sangathan School	**Betul, MP**
Senior Secondary (12th Grade) - PCM Stream - **Percentage:** 86.4%	*Mar. 2020 – Mar. 2021*

COURSEWORKS

- Data Structures & Algorithms
- Database Management Systems
- Operating Systems
- OOPs Concept
- Software Engineering
- Web Development
- Machine Learning
- C++

EXPERIENCE

Edunet Foundation in Collaboration with AICTE — **Remote**
Summer Trainee — *Jun. 2024 – Jul. 2024*

- Focused on Machine Learning model development and deployment using **IBM Cloud** and **Watson Studio**.Engineered an **image classification model** using **MobileNet architecture**, achieving **95% accuracy** on real-world datasets.
- Gained hands-on experience with **data preprocessing**, **transfer learning**, **model optimization**, and **cloud deployment**, while strengthening remote collaboration and project ownership skills.

Ableon Connect Pvt Ltd, Bhopal — Certificate
Full Stack Developer — *March 2024- May 2024*

- Worked on **frontend development** using React.js, creating multiple interactive and user-friendly pages. Contributed to building a seamless **internship platform** with enhanced navigation and usability.

PROJECTS

Image Captioning Model Machine Learning Mode | Python, TensorFlow, Keras, CNN, LSTM

- Designed and trained a **deep learning model** for image captioning, achieving **85% accuracy** on the Flicker dataset.
- Integrated **computer vision and NLP models** to enhance image recognition and generate contextually accurate descriptions.

Hotel Management System | MySQL, MongoDB, Node.js, Express.js, React.js

- Built a full-stack **hotel booking system** with an interactive booking form & user dashboard for seamless UX.
- Implemented **real-time booking**, **secure user authentication**, and **CRUD-enabled booking management**, improving booking completion efficiency by **60%**.
- Optimized backend performance, reducing server load time by **40%** with efficient **SQL** schema design and API optimization.

Schizophrenia Diagnosis | Python, XGBoost, Random Forest, SHAP, SMOTE, CTGAN, scikit-learn

- Developed an explainable ML pipeline for **early schizophrenia detection** using **dermatoglyphic and demographic data**.
- **Integrated SMOTE and CTGAN for class imbalance handling** and SHAP explainability.

Tableau Sales Project

- Analyzes year-over-year sales with total sales, profits, quantity, sales trends, product subcategories, and weekly sales-profit comparison.Tracks customer data, trends, and segments to improve marketing and satisfaction.

TECHNICAL SKILLS

Languages: C/C++, Python, HTML, Javascript
Technologies / Frameworks: Tailwind CSS, ReactJS, Express, JavaScript, NodeJS, C++ STL**,** MongoDB, MySQL
Tools: VS Code, GitHub, Google Colab , PowerBI, MS-Office, Tableau
Skills: Graphic Designing , Photoshop ,Adobe Illustrator, Self-learning, Leadership, Event Management, Workflow Management

CODING PROFILES

Leetcode. ↗	**GeeksforGeeks.** ↗	**Coding Ninjas** ↗

CERTIFICATIONS

- Data Structures and Algorithm - Geeksforgeek
- C++ - Udemy.
- Artificial Intelligence and Deep Learning - MANIT.

POSITION OF RESPONSIBILITY

Coordinator - **Training and Placement(T&P) Cell**	*Mar. 2024 – Present*
Team Head **- Zeenith Coding Club**	*Aug. 2024 – Present*
Creative Head (Web Developer) - **Intellect Browsers' Consortium**	*Oct. 2022 – Present*
Lance Corporal,**- NCC- National Cadet Corps**	*Aug. 2022 – Present*

ACHIEVEMENTS

- **Ranked in the top 100 participants in the Code with Infy 2024 Hackathon.**
- Ranked among the top **500 teams** in India in the **Amazon ML Challenge 2024**.