

# RIDDHI BHANUSHALI

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## Education

**Ramrao Adik Institute of Technology, D. Y. Patil Deemed to be University**

*B.Tech in Computer Engineering in Artificial Intelligence and Data Science), CGPA: 8.9/10*

**July 2022 – Present**

*Navi Mumbai, India*

**K.J. Somaiya College of Science and Commerce**

*12th Grade, Percentage: 60%*

**Sept 2020 – March 2022**

*Mumbai, India*

**Mother India Mission English High School**

*10th Grade, Percentage: 80%*

**July 2011 – April 2020**

*Navi Mumbai, India*

## Experience

**Almitra Sustainables**

**July 2024 – Sept 2024**

*Social Media Marketing Intern*

*Navi Mumbai, India*

- Collaborated with **5+ brands and influencers** to expand reach and strengthen partnerships.
- Redesigned the Almitra Tattva website, **improving user experience** and brand alignment. Created 30+ engaging content tailored to target audiences, **resulting in increased social media interaction and follower growth.**

## Projects

**PaisaFlow** | *React, JavaScript, Tailwind CSS, Appwrite, Vite, REST APIs* | [Live Demo](#)

**July 2025**

- Developed a **full-stack personal finance tracker** with a dynamic dashboard, budget/goal management, and transaction history.
- Engineered the backend using Appwrite (BaaS) for real-time CRUD operations and persistent data storage across all application features.
- Integrated an AI chatbot using the OpenRouter API, allowing users to make natural language queries about their financial data for instant, actionable insights.

**MedWatch** | *React, Node.js, Appwrite, Leaflet.js* | [Live Demo](#)

**July 2025**

- Built a **real-time anomaly detection** engine to identify critical medicine shortages and price hikes, ensuring timely alerts and proactive intervention.
- Developed a full-stack platform featuring: a live shortage map, Jan Aushadhi Kendra locator, price comparison tool, and instant reporting form for the public; an inventory dashboard with stock and expiry alerts for pharmacies; and real-time heatmaps, anomaly notifications, and trend analytics for health authorities.

**Product Placement Tool using Generative AI** | *Python, PyTorch, Diffusers and OpenCV*

**March 2025**

- Developed an AI tool to automate product placement in realistic backgrounds using **Stable Diffusion & ControlNet**.
- Integrated **background removal (Rembg)** and **image processing (OpenCV, PIL)** for natural lighting and perspective.

**Hyper-Local Food Delivery Optimizer** | *XGBoost, LightGBM, Neural Networks, Folium, Streamlit*

**January 2025**

- Built an AI-driven system to optimize food delivery routes, prioritize local vendors, and reduce costs using ML and geospatial analysis.
- Used XGBoost, LightGBM, and Random Forest Regressor for route optimization and demand forecasting, **enhancing efficiency.**
- Implemented sentiment analysis to evaluate customer feedback and **improve food quality and service recommendations.**
- Developed a waste reduction algorithm to **predict unsold inventory** and **suggest optimal pricing strategies.**
- Integrated reinforcement learning for dynamic delivery time and price adjustments.

## Technical Skills & Certifications

**Languages:** Python, Java

**Frameworks:** TensorFlow, Keras, ReactJS

**Tools:** Git, SQL

**Technologies:** Deep Learning, Machine Learning, Data Analytics, Web Development

**Microsoft:** [Microsoft Azure Fundamentals Certified](#)

**Alteryx Data Analytics:** [Alteryx Designer Core](#), [Alteryx Micro-Credentials](#)

**AWS Academy:** [AWS Academy Machine Learning Foundations](#)

## Leadership

**Joint Event Organizer at CSI-RAIT** – Managed 8+ domain events including planning, creatives, and logistics, and organized Technical/Non-Technical workshops engaging 500+ participants.

## Extracurricular

**DCAL Ideathon for the Planet** – Won **1st place** for presenting **EcoBin**, a Swachh Bharat initiative aimed at promoting sustainable waste management.

**Neural Spark: AI Ideathon** – Won **1st place** for presenting **Digital Twin Organs**, demonstrating innovation and AI expertise in healthcare.

**Neural Hack: AI Coding Competition** – Achieved **Runner-Up** position at Neural Hack, solving tasks in data preprocessing, debugging, and accuracy optimization.

**Meesho ScriptedByHer** – Selected as a **Semi-Finalist** out of 3600+ participants in the Meesho "ScriptedByHer Hackathon".

**National Level Hackathon Finalist** – Finalist in **Tynet 2.0**, **Kleos 3.0**, **MedHack**, and **Rubix'25**

## Hobbies

Programming, Designing, Baby sitting