# Jayesh Muley

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## ACHIEVEMENTS

### BIONEST CFTRI MYSORE FOOD TECHATHON | Finalist
Feb 2025 | Mysore, India
- Ranked 6th **out of 50 finalists** from over **300+ participating teams** across India.
- Showcased *Nutrivista*, a smart food recommendation and ordering platform focused on health and nutrition.
- Developed a full-stack web application using the MERN stack, with ML-based meal suggestions achieving **88% accuracy**.
- Collaborated in a 2-member team to deliver a working MVP in under 24 hours, praised for usability and innovation.
- Received recognition from CFTRI experts for integrating AI with personalized health-tech in a scalable solution.

## PROJECTS

### NUTRIVISTA | Client-Server Architecture for Food Ordering System
- Designed scalable backend services with Node.js, Express.js, and MongoDB to handle **300+ orders** and securely store user information for over **100+ customers**.
- Integrated Stripe API for secure payment processing, maintaining a **98% transaction success rate**.
- Implemented a feedback module that collected over **150 user reviews**, helping improve the service based on real customer input.
- **Tools:** MongoDB, Express.js, React.js, Node.js, Tailwind CSS, Stripe API, TensorFlow, Content-based filtering, Dialogflow.

### GRAMINMITRA | Client-Server Platform for Rural Job Matching
- Coded robust APIs using the same tech stack to support **500+ job listings** and efficiently manage data for **300+ registered rural users**.
- Integrated a job recommendation ML model in Python with **75% accuracy**, enabling basic personalized job matching.
- Deployed a Dialogflow chatbot that handled over **200 user queries/month**, offering guidance in Hindi and English.
- **Tools:** MongoDB, Express.js, React.js, Node.js, NLTK, Cosine Similarity, KNN, Firebase, Scikit-learn, Pandas, Dialogflow.

## CERTIFICATIONS

**NPTEL ONLINE CERTIFICATION CLOUD COMPUTING**
NPTEL Cloud Computing — 2024

**THE BITS & BYTES OF COMPUTER NETWORKING**
Google (Coursera) — 2023

**DATA ANALYTICS SPECIALIZATION**
Google (Coursera) — 2023

**ADVANCED DATA ANALYTICS SPECIALIZATION**
Google (Coursera) — 2023

**APPLIED MACHINE LEARNING IN PYTHON**
University of Michigan (Coursera) — 2023

## EDUCATION

### VIT BHOPAL UNIVERSITY
Integrated MTech in Artificial
June 2022 – June 2027
GPA: 8.86/10.0

### PUNA INTERNATIONAL SCHOOL
Class 12th
June 2020 – June 2021
Percentage: 84.6

### VEDANT INTERNATIONAL SCHOOL
Class 10th
June 2018 – June 2019
Percentage: 93.8

## SKILLS

### PROGRAMMING
Java • C++ • Python • HTML • CSS • JavaScript • SQL

### TECHNOLOGY
Git/Github • Mongo DB • Express.js React.js • Node.js • RESTful APIs Artificial Intelligence • Socket.io

## PUBLICATIONS

### NEURAL COMPUTING AND APPLICATIONS
A Comparative Study of Classical Machine Learning and Deep Learning Techniques in Identifying Deepfakes
June 2025 | Bhopal, India

## SOCIETIES

### ANDROID CLUB -- VIT BHOPAL
Co-Lead of Social Media Department
Monitored and analyzed social media metrics, providing insights that boosted follower growth by **20%** and improved campaign reach by **40%**.

Engaged with over **500+ followers** through interactive content, quizzes, and live sessions, enhancing the club's visibility and community participation.