JAY RAVIRAJ DEORE
MBA - FINANCE

Age: 23 | **PRN:** 25020441119 | ♂ Male

SYMBIOSIS INSTITUTE OF MANAGEMENT STUDIES
SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY)

ACADEMICS

Qualification	Institute	Board/University	Year of passing	Percentage
MBA	Symbiosis Institute of Management Studies, Pune	Symbiosis International University, Pune	2027	--
Bachelor of Engineering (BE)	International Institute of Information Technology, Pune	Savitribai Phule Pune University	2023	75.08
12th	Kendriya Vidyalaya No.1 AFS Jamnagar	Central Board of Secondary Education, Delhi	2019	77.20
10th	Kendriya Vidyalaya No.1 AFS Jamnagar	Central Board of Secondary Education, Delhi	2017	91.20

Certifications	• Bloomberg Market Concept Course [July, 2025] • Optimization for Machine Learning and Operations Research [December, 2022] • Applied Data Science II: Machine Learning & Statistical Analysis (with honors) [December, 2021] • Applied Data Science I: Scientific Computing & Python (with honors) [June, 2021]
Technical Skills	Product Development & Roadmapping Data Analytics & Business Intelligence Cross-Functional Team Collaboration Full-Stack Development Machine Learning & Computer Vision

PROJECTS & PUBLICATIONS

- **Developer Experience – Freelance, Research, & Startup Projects:** [May, 2025]
  - Software engineer with nearly 2 years of experience, built and deployed 10+ full-stack applications using FastAPI, React, MongoDB, and AWS.
  - Collaborated with cross-functional teams to translate business needs into reliable, fast, and user-focused tech solutions.
  - Developed scalable scrapers and recommendation engines processing 50,000+ data points with caching and fault tolerance.
  - Improved system performance by 30% through asynchronous task handling and modular architecture.
- **Published Research Paper – Logistic Route Optimisation based on Geographic Information System (GIS) (2023):** [December, 2023]

  Published in IJTE (Dec 2023) and presented at NCCIPC. Built an intelligent logistics system using Streamlit, Geopy, and heuristic algorithms for route optimization, with real-time ops via Spring Boot, Flask, and Firebase. Read Paper – Page 62

- **Published Research – Alzheimer's Disease Stages Classification Using MRI and Deep Learning (IJEEDC 2023):** [August, 2023]

  Published a paper on Alzheimer's stage classification using transfer learning (InceptionV3, EfficientNet-B0, CNN) on MRI scans, demonstrating AI's effectiveness in early diagnosis and clinical support. Read Paper

- **IoT-Based Hostel Reservation System (2023):** [February, 2023]

  Developed an app and IoT solution for seamless hostel room booking and remote electricity control. Enabled real-time room allocation and appliance management. Funded by Pralhad P. Chhabria Research Center with registered copyright (ROC No. L-123685/2023).

RESPONSIBILITIES HELD, AWARDS & ACHIEVEMENTS

- Graduated with First Class Distinction and Honors in AI & Machine Learning [July, 2024]
- Published Two Research Papers [December, 2023]
- Technical Head of Young India Committee [August, 2023]
- Copyright Registered Project [February, 2023]
- Finalist, ElasticRun's #Possibilities Hackathon 2022 [November, 2022]

EXTRA CURRICULAR ACTIVITIES

- Core team member, CFA Research Challenge (RC) [July, 2025]
- Completed corporate shadowing at AFY Technologies, gaining exposure to business operations and tech-driven strategy [July, 2025]
- Junior Coordinator of Bloomberg Club and Entrepreneurship Cell. [July, 2025]
- Badminton [July, 2023]
- Contributor in Hacktoberfest [October, 2022]
- Resource person for workshop on Learn Cross Platform App Development: Flutter [August, 2022]
- Entrepreneurship Challenge Competition [March, 2021]

Languages	English Hindi Marathi
Hobbies	Computer Programming Badminton Swimming Investing Music