

# Aditya Raorane

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## EDUCATION

### Vivekanand Education Society's Institute of Technology

Bachelor of Engineering in Information Technology, Honours in AI & ML

Cumulative GPA: 9.61/10.0

Relevant Coursework: Data Analysis, Software Engineering; Blockchain; Algorithms; Artificial Intelligence

Mumbai, India

Expected May 2026

### Matoshree Prabodhini Jr. College of Science

Higher Secondary Education; Percentage: 91.00/100

Thane, India

Jul 2020 - Jan 2022

## WORK EXPERIENCE

### VESIT IT Department

Lead Mobile Developer Intern

Mumbai, India

Dec 2024 – Feb 2025

- Spearheaded development of Flutter-based cross-platform educational application serving 100+ students; implemented real-time leaderboard system and secure Google Sign-in with custom encryption algorithms
- Engineered automated assignment allocation and grading system with admin dashboard, reducing administrative workload by 80% and improving assignment distribution efficiency

## UNIVERSITY PROJECTS

### SkillsChange

Oct 2024

- Developed a MERN stack-based skill exchange platform where users can offer and join skill-sharing sessions.
- Integrated video SDK, AI-driven matching algorithms, and calendar scheduling, streamlining learning experiences for 50+ users.
- Established structured support for community events alongside the coin reward program, generating an average of 150 interactions per event and fostering deeper connections among users across diverse skill-sharing initiatives.

### ResearchNexus

Feb 2025

- Engineered an ML-powered research paper recommendation system using NLP & deep learning, analyzing 10,000+ papers.
- Refined citation analysis and expertise networking, helping researchers understand paper impact and related works 30% faster.
- Operated the platform to foster collaborative research insights and streamline literature exploration for academics and professionals.

### RiderIO

Mar 2025

- Developed a Flutter-based delivery management app connecting 50+ local stores & medical shops with delivery agents.
- Built an AI-driven order assignment system based on network proximity and priority scoring (e.g., medicine deliveries get 2x priority over general items).
- Optimized order cancellations and revenue tracking, increasing delivery efficiency by 35% and improving rider earnings.

## COMPETITIONS

- Participated in multiple hackathons, including HackWave, an ML-based hackathon where our team ranked under Top 25, held at A. P. Shah Institute of Technology.

## ADDITIONAL

**Programming Language:** C++, C#, Python, Java, JavaScript, MERN Stack, Flutter, Android Development

**Databases and Cloud Technologies:** MongoDB(NoSQL), MySQL, Firebase, AWS, Google Cloud Platform (GCP)

**DevOps & Agile:** CI/CD Pipelines, Docker, Kubernetes, Git, Jenkins

**Frameworks & Libraries:** Flask, FastAPI, JUnit, Material-UI, pandas, NumPy, Matplotlib

**Languages:** Fluent in English; Proficient in Reading and Speaking French

**Certifications & Training:** Embedded Programming, UIUX, ADaPT- Programming Club, IIT Madras, WebDev Enigma-WebOps and Blockchain Club, IIT Madras