

Rushabh Babre

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B.Tech IT

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🐙 GitHub Profile

🌐 LinkedIn Profile

EDUCATION

- **Indian Institute of Information Technology, Vadodara** 2025
B.Tech, Information Technology CPI (current): 7.65
- **Janata Mahavidyalaya, Chandrapur** 2021
State Board, Maharashtra Percentage: 93.5
- **St.Michael English School** 2019
Central Board of Secondary Education, Maharashtra Percentage: 90.3

PROJECTS

- **RTTV (ongoing)** Jan 1, 2024
OTT Platform for streaming regional content.
 - Technologies used: Node.js, Express.js, Flutter, AWS S3, MongoDB,
 - Developing an OTT platform from scratch, elevating regional content in India by a remarkable 30%
 - Utilized Node.js for Backend, AWS for storing, and in-house streaming for efficient content delivery
- **CRS Using Knowledge Graph (ongoing)** Nov 20, 2023
Conversational Recommender System Using Knowledge Graph.
 - Tech Stack: Python, BERT, RGCN, Dialog Flow
 - Developed a Movie Recommendation Conversational System on a custom Knowledge Graph, enhancing recommendations by 42%
 - Utilized ReDial/TMDB for Graph, RGCN and BERT for embeddings, Dialog Flow for effective Dialog Control
- **Gourmet** Apr 26, 2023
Food Ordering Web-App for Take-Away's (Group Lead and Backend Lead)
 - Technologies used: NodeJS, ReactJS, HTML, MongoDB, CSS, JavaScript, PostMan
 - Led the construction of a website from scratch, honing leadership skills and significantly advancing backend development expertise
- **On the Way** February 1, 2024
Real-time chat app with tonal recommendation using Langchain.
 - Tech Stack: Node.js, Next.js, Express.js, Socket.io, MongoDB, Langchain
 - Developing a chat app with tone recommendation, enhancing chat quality by 20%
 - Utilized MENN Stack for the platform and integrated Langchain for personalized recommendations

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Java, Python, SQL, Git, JS/TS

Developer Tools: Postman, Visual Studio Code (IDE), MySQL Workbench, Anaconda, Google Colab

Frameworks: Express.js, Node.js, React.js

Cloud/Databases: MySQL, MongoDB, Neo4j

Soft Skills: Communication, Initiative, Time Management, Leadership, Problem-solving

Coursework: Data Structures and Algorithms, Operating Systems, Web Technologies, Computer Networks, Information Security

Areas of Interest: Deep Learning, ML/AI, GAN's, Stable Diffusion

POSITIONS OF RESPONSIBILITY

- **Core Member, Arcadia** Organized 10+ events in two years 1st Sem to 3rd Sem
- **Volunteer, GDSC ML/AI Domain** | Assisted in organizing events, impacting 100+ students 2nd Sem

ACHIEVEMENTS

- **Runner Up, HackIIITV:** Secured second place among 50 teams 19th February, 2024
- **DSA Mastery:** 300+ DSA Questions | LeetCode Rating: 1485 1st January 2024