

Viraj Vijay Mane

✉ virajmane082@gmail.com

☎ +91 8261990054

📍 Pune, Maharashtra, India

🌐 virajmane13

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EDUCATION

Pune Institute of Computer Technology, Pune

BE in Computer Engineering - 9.2

Aug 2023 - July 2026

Government Polytechnic, Miraj

Diploma in Computer Engineering - 95.20

Dec 2020 - Aug 2023

PROJECTS

CricWars | React.js, Node.js

Dec 2024 - Jan 2025

- **Designed and developed CricWars**, a strategic cricket platform for **Xenia 2025**, independently.
- Implemented a **data-driven team selection system** leveraging IPL statistics and pitch-based ratings to ensure fairness.
- Engineered an **interactive multi-stage competition**, including a quiz, player selection, and auction rounds.
- Optimized **team formation strategies** with a **65-point rating cap** and performance-based scoring.
- Established the foundation for a **virtual auction system**, planned for integration in Xenia 2026.

Consistency Tracker | Flutter, Isar DB, Provider

Dec 2024 - Jan 2025

- Developed a personal productivity mobile app using Flutter to **visualize daily activity** patterns through interactive heatmaps
- Implemented robust **state management with Provider** and local data persistence using **Isar database** for efficient task tracking
- Engineered responsive UI with customizable dark/light themes, featuring CRUD operations for task management
- Designed intuitive data visualization components to display consistency metrics and progress tracking

News Aggregator & Article Summarizer | React.js, Django, Hugging Face, Vector DB

Sep 2024 - Oct 2024

- Engineered responsive frontend with React.js for a personalized news platform, **implementing user feedback systems** and recommendation interfaces
- Integrated **ML-powered** news recommendation system **using Hugging Face models** and Vector DB, enhancing content relevancy based on user ratings
- **Developed Chrome extension** for one-click article summarization, streamlining user reading experience
- Collaborated with backend team to implement RESTful APIs (Django) for seamless data flow between **recommendation engine** and user interactions

SKILLS

- **Soft Skills:** Communication, Problem Solving
- **Programming Languages:** C, C++, Java, Python, JavaScript
- **API Testing:** Postman
- **Frontend Development:** React.js, HTML, CSS
- **Backend Development:** Node.js, Express.js, JWT
- **Databases:** MySQL, Firebase
- **Mobile Development:** Flutter, Android (Java)
- **Computer Science Fundamentals:** System Programming and Operating Systems, Database Management Systems, Computer Networks

Additional Activities & Achievements

- Finalist, **Mastercard Code for Change Hackathon 2024 & Amdocs GenAI Hackathon 2025**
- **Event Manager**, PICT CSI Club - Successfully managed Crickwars event at Xenia