

Viraj Vijay Mane

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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 [🔗](#)

Jan 2025 - Feb 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 a 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 a responsive frontend** with **React.js** for a **personalized news platform**, implementing **user feedback systems** and **recommendation interfaces**.
- **Integrated an ML-powered news recommendation system** using **Hugging Face models** and **Vector DB**, enhancing **content relevancy** based on **user ratings**.
- **Developed a Chrome extension** for **one-click article summarization**, streamlining the **user reading experience**.
- **Collaborated with the backend team** to implement **RESTful APIs (Django)** for seamless **data flow** between the **recommendation engine** and **user interactions**.

SKILLS

- **Soft Skills:** Communication, Problem Solving (**Leetcode 300+ solved**)
- **Programming Languages:** C, C++, Java, Python, JavaScript
- **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

Leadership & Extracurricular Activities

- Finalist, **Mastercard Code for Change Hackathon2024** & **Amdocs Gen AI Hackathon2025**
- **Event Manager**, PICT **CSI Club** - Successfully managed CricWars event at Xenia