

Rohan Pramod Mane

Bachelor of Technology Computer
Science and Engineering
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Education

| Degree | Institute | CGPA | Year |
|---------------|-------------|------|-------------|
| B.Tech C.S.E. | ADCET Ashta | 8.52 | 2023 - 2027 |

Projects

1. Advanced Weather App (July 2025)

Tech: Java · Swing · OpenWeatherMap API · JSON Parsing · Java HttpClient

- Built a desktop weather application using Java Swing that fetches real-time weather data via OpenWeatherMap API.
- Displayed city-specific temperature, humidity, windspeed, and conditions with icons in a responsive, card-based UI.
- Integrated gradient UI, custom rounded panels, and dynamic weather icons for a modern and clean UX.
- Implemented REST API calls using Java 11+ HttpClient and parsed JSON responses to extract weather detail

2. Smart Plant Watering System (May 2025)

Tech: ESP32 · DHT11 · Soil Moisture Sensor · I²C LCD · Blynk · C/C++

- Built an ESP32-based IoT system to monitor soil moisture, temperature, and humidity, automating a water pump when moisture <20% and stopping at >75%.
- Integrated Blynk for remote dashboard updates (sensor readings & pump status) and on-device 16×2 I²C LCD feedback.
- Optimized watering logic to cut water usage by ~30% in lab trials.

Skills

- Programming Languages: Java, C, C++
- Databases: SQL, Oracle
- Tools : VS Code

Achievements

• Best Emerging Player of the Year, General Championship 2024

Awarded for outstanding performance in Kho-Kho and Kabaddi; also secured Runner-Up positions in Long Jump and Discus Throw.

• 2nd Place, 4x100 m Relay, University Zonal Competition (Shivaji University, 2025)

Represented Annasaheb Dange College in the relay event, contributing to the team's silver-medal finish.