

# Viraj Takone

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## Education

Walchand College of Engineering, Sangli  
*B.Tech in Information Technology; CGPA: 8.31/10.0*

July 2021 – July 2025

## Projects

### CODEWITHME (Code 🎮) | Real time code editor

- Developed a video conferencing system supporting multi users and a collaborative whiteboard for real-time working among participants.
- Used Differential Synchronization algorithms to handle data changes, adopted by college clubs.
- Technologies Used : Socket.io, WebRTC, Node.js, Express.js, React.js, and MongoDB

### AI-Based Stock Predictor (Code 🎮) | RSI Wave Analysis with Generative insights

- Built a stock prediction tool using LSTM to forecast prices with technical indicators like RSI and simplified Elliott Wave Theory.
- Integrated Generative AI to produce natural language summaries and insights from predicted trends.
- Technologies Used: Python, LSTM, yFinance, Matplotlib, React.js, Generative AI

### DEVOPS (Code 🎮) | CI/CD pipeline

- Worked with group and developed a robust pipeline for a project using widely adopted open-source tools.
- Designed and implemented a comprehensive infrastructure provisioning framework using Terraform, resulting in the rapid deployment of cloud resources which accelerated project delivery.

## Positions of Responsibility

### WCE ACM Student's Chapter 🎮 | Chairperson, Mentor

July 2023 – August 2024

- Led the WCE ACM Hackathon 23 and 24 **600+ Participants across 20 colleges**, Presented on LinkedIn at DSA Launchpad **attended by more than 120 students**, Organized events including RSC 2023 and DSA Launchpad 4.0.

### Student's Association of Information Technology 🎮 | Program Director, Mentor

Jan 2022 – July 2023

- Coordinated technology events for **200 students**, collaborated with club members and faculty, and enhanced personal development through targeted workshops and activities

## Technical Skills

**Programming Languages:** C/C++, Java, Python

**Web Technology:** HTML, CSS, JavaScript, TailwindCSS, React.js, Node.js, Express.js

**Databases:** MongoDB, MySQL

**Others:** Git, Github, Linux, Jenkins and Terraform

**Course Work:** Operating Systems, Data Structure and Algorithms, Databases and Management, OOPs

## Achievements

- Ranked in the Top 6% and Knight (1872) on Leetcode.
- Achieved 3 star highest rating (1672) and a highest rank of 186 (Div 3) in starters 83 on CodeChef.
- Obtained 22nd Rank out of 400 Attendants in Gfg Online aptitude test (GPAT).
- Acquired 4th Rank in CODECRUSH organized by SAIT.
- Recognized as a top 5% student at the college and awarded the TFWS (Tuition Fee Waiver Scheme) Scholarship for exceptional performance in exam.
- Secured 2nd position and a Silver Medal at the Abacus Competition held in Nagpur with over 100 participants.
- Served as district-level cricket team captain, leading the team to a runner-up position in the district tournament with more than 10 teams.

## Coding Profiles

Coding Profile	<u>Leetcode</u>	<u>CodeChef</u>	<u>Codeforces</u>
Problems Solved	747	369	98
Max. Rating	1898	1675	1217