

# Pratik Pakhale

Computer Science and Engineering  
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## EDUCATION

- **Indian Institute of Information Technology, Dharwad** 2021-2025  
*Bachelor of Technology, Computer Science and Engineering*

## EXPERIENCE

- **Affect Aware System - IIT Bombay** IIT Bombay  
*Intern*
  - The system uses Video Bots to learn student engagement with adaptive feedback, improving accessibility, and enhancing learning outcomes
  - Building this high-performance production application, designed to handle concurrent usage by over 10,000 users
- **IKS Research Project - Ancient Texts** IIIT Dharwad  
*Intern*
  - Scraped the Bhagavad Gita, Vedic Hymns, Vedantas, and Ramayana from Sacred Texts in different languages.
  - Applied an FP growth data mining algorithm in scala and generated the rules iteratively. Also built the client-side application to demonstrate the results in a pictorial and intuitive way.
- **Jyovi Enterprises** 2022-2023  
*Web Engineer* Mumbai/Remote
  - Built a full-stack call consultancy firm from scratch using the MERN stack.
  - Utilized AWS for cloud hosting, storage, and security to ensure high availability and scalability of the application.
- **Scholar Chat** 2023  
*Developer* Dharwad
  - Scholar Chat is a platform for researchers to connect with each other using their ORCID and chat.
  - Worked with the team to enhance security and structured OAuth flow for ORCID authentication. Also contributed to the development of various crucial features for the platform

## PERSONAL PROJECTS

- **Rewind**  
*A social media platform powered with generative AI technologies solely built for music lovers.*
  - Utilized service-based architecture and followed agile methodology with TypeScript, Next.js, and Python.
  - Implemented basic features of a social media platform along with unique music-related concepts. Designed and implemented a voice bot for website navigation and actions like creating a post, and advanced search.
- **Event Management**  
*The complete event management website for club events from registering to ticketing.*
  - Designed and developed the website for club events, including registration and ticketing, using MERN, Tailwind-CSS, and Lambda functions.
  - Handled over 100k API calls with zero downtime.
- **Clash of CSS**  
*A platform to compete with CSS skills*
  - Developed a platform using Node, React, and Image Optimization where developers can compete with each other in CSS battles and create their own battles to challenge others.
  - Currently working on building an umbrella SaaS for this project to help many other colleges in India to have in-event competitions.

## TECHNICAL SKILLS AND INTERESTS

**Languages:** TypeScript, JavaScript, Python, Java, C, C++, SQL, HTML, CSS, Shell Scripting  
**Developer Tools:** Docker, GitHub Actions, AWS  
**Frameworks:** ReactJs, NextJs, NodeJs, Flask

## POSITIONS OF RESPONSIBILITY

- **Vice-President:** Web and App development club, Velocity
- **Student Leader:** Postman Inc. - Educating API Literacy
- **Core Web Team:** GDSC - IIIT Dharwad
- **Technical Lead:** Techniosys Club - IIIT Dharwad

## ACHIEVEMENTS

- **Global Hackathon Winner** Postman Go with the Flow Hackathon