

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

- **IKS Research Project - Ancient Texts** IIIT Dharwad
Intern
 - Scraped the Bhagavad Gita, Vedic Hymns, Vedantas, and Ramayana from Sacred Texts in different languages. Wrote preprocessing scripts in Python.
 - Applied an FP growth data mining algorithm in Scala and generated the rules iteratively.
- **Jyoti 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.
 - Collaborated with a team to enhance security and build a 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 successful performance.
- **Tweemarks**
Twitter Bookmarking Tool
 - Developed a Twitter bookmarking and management tool with categorization, search, selection, and sharing capabilities.
 - Enhanced user experience and provided seamless tweet saving and loading with a Telegram bot.
- **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, with the front end being open source and open for contributions.

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:** GDSC - IIIT Dharwad
- **Technical Lead:** Techniosys Club - IIIT Dharwad

ACHIEVEMENTS

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