Ram Mohan Patel

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EDUCATION

IIT Kharagpur	**CGPA- 8.67/10**
Agricultural and Food Engineering	*Nov 2021- May 2026*
CBSE	**84.8/100**
Class XII	*April 2020 - April 2021*
CBSE	**93.2/100**
Class X	*April 2018 - April 2019*

TECHNICAL SKILLS

Programming Languages: C, C++, Javascript, Python
Framework and Libraries: React.js, Next.js, Express.js, Node.js, Redux, Tailwind CSS
Tools: Git, Github, Docker, VS Code

PROJECTS

Online Book Store
Stripe, Sanity-CMS, Nextjs   *June 2023 - July 2023*

- Integrated Stripe payment gateway for secure and convenient transactions, providing good checkout experience.
- Leveraged Sanity Content Management System for efficient content management, establishing over 7 diverse book categories including self-help, biographies, fiction and more, catering to a wide range of reader preferences.
- Proficiently maintained web development standards with a focus on performance (79), accessibility (76), best practices (96), and SEO (83) to optimize user experience and enhance online visibility. View it!, GitHub

TubeVibe
Reactjs, Rapid API, Material UI   *March 2023 - April 2023*

- Employed Rapid API and Material UI to create a visually appealing interface, featuring custom categories and a searchable video library, thus significantly enhancing content discovery and user engagement.
- Enhanced user engagement significantly by providing detailed channel information, offering personalized video recommendations, and ensuring seamless video playback through the integrated video player.
- Effectively diagnosed and resolved performance issues, achieving notable scores of 100 in SEO, 100 in Best Practices, 73 and 77 in performance and accessibility respectively. View it!, GitHub

Social Media
MERN-Stack, Redux, Material UI   *May 2023 - June 2023*

- Utilized React to enable CRUD operations, allowing seamless post creation, editing, and deletion within web app.
- Redux for efficient state management, ensuring data consistency and scalability in the development process.
- Used Material UI to enhance the UI/UX, providing modern components for optimal interaction. View it!, GitHub

Amazon-Scraper API
Express.Js   *June 2023 - July 2023*

- Architected and deployed Amazon Scraper API, leveraging Express and request-promise, thereby enabling efficient extraction of vital Amazon product data such as details, reviews, and offers.
- Smoothly hosted API on Rapid API marketplace, simplifying adoption for developers seeking Amazon-Scraper functionality, and fostering widespread usage across the platform. View it!, GitHub

POSITIONS OF RESPONSIBILITY

Technology Head
Agricultural Engineering Society   *Oct 2022 - Present*

- Leading a 7-member team in the ongoing enhancement of the society's website, ensuring its effectiveness.
- Instructed over 10 individuals in web development, fostering skill development and digital endeavours in society.
- Achieved a remarkable YoY increase of 27 percent, drawing participation of 200+ attendees, while managing the 14th edition of Prakriti and mentoring a team for events like Quizella, Krishimanthan, and Panel Discussions.

RELEVANT COURSEWORK

- **Computer Science:** Programming and Data Structures, Data Structures Lab
- **Mathematics :** Probability and Statistics, Advanced Calculus, Numerical and Complex Analysis