

Rachita Pradhan

Bachelor of Technology
Computer Science Engineering
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EDUCATION

- **Sikkim Manipal Institute of Technology** July 2019 - August 2023
Bachelor of Technology, Computer Science Engineering; CGPA: 8.8 Sikkim, India

EXPERIENCE

- **Keysight Technologies** January 2023 - July 2023
Research and Development Intern Kolkata, India
 - Integrated new features into React components, including advanced state management and conditional rendering, reducing feature implementation time by 20%.
 - Assisted in manually debugging 50+ test cases, leading to the identification and resolution of software issues, significantly improving code quality and application performance.
- **Variable Energy Cyclotron Center** June 2022 - July 2022
Web Development Intern Kolkata, India
 - Revamped the outdated UI of the recruitment page by restructuring and modernizing the codebase, enhancing maintainability and readability, which led to a 30% reduction in code-related issues.
 - Implemented Bootstrap to redesign the page, achieving a responsive layout 100% that improved user experience across devices, resulting in a 40% increase in user engagement.

PROJECTS

- **Movix: Streamlined Search for Movies and TV Shows** August 2024 - August 2024
Tools: ReactJS, Tailwind, Router, Redux 
 - Created and built a dynamic movie and TV show discovery platform, optimizing search and filter functionalities to enhance user experience for an extensive collection of 45,000+ movies and TV shows.
 - Used React and Redux to create a responsive interface, achieving a 100% responsive design on 5 screen sizes and integrating advanced filtering options for seamless navigation.
 - Implemented the Movie Database (TMDB) API to retrieve and display detailed information, ensuring accurate and seamless data retrieval and presentation.
- **Google Drive Clone** July 2024 - July 2024
Tools: ReactJS, Firebase, Tailwind, Web Speech API 
 - Developed a file management application with real-time file operations (uploading, deleting, previewing), utilizing Firebase for data synchronization.
 - Designed a responsive user interface that supports both list and grid views, improving the user experience between devices, and achieving a 40% reduction in layout issues on screens of various sizes.
 - Integrated voice command functionality with 6+ commands to improve accessibility and streamline file management tasks.

SKILLS

- **Programming Languages:** HTML, CSS, JavaScript, Java, Python(Basic)
- **Framework / Libraries:** ReactJS, Redux, Tailwind, Bootstrap
- **Designing:** Adobe Illustrator, Adobe Photoshop
- **Tools and Technologies:** GIT, VS code, Firebase

CERTIFICATIONS

- **Full Stack Development**, Geekster November 2023 - present
 - Participated in various Coding contests / Practice Tests organised by the platform.
 - Technical Stack Learned : HTML, CSS, JavaScript, Bootstrap, Tailwind, Redux, Firebase and Java.

ACHIEVEMENTS

- Solved 100+ questions on leetcode.
- Led a team of 5 members to victory in a Geekster hackathon.