Kajal Yadav

Bachelor of Technology
Computer Science and Engineering
2022-26
National Institute Of Technology, Patna

📞 +91-8956225071
✉ ky21102004@gmail.com
✉ kajaly.ug22.cs@nitp.ac.in
 GitHub Profile
 LinkedIn Profile

EDUCATION

•**National Institute of Technology, Patna** *2022-26*
Btech in Computer Science and Engineering CGPA: 8.97

•**Sindhi Hindi Jr. College** *2022*
Maharashtra Board of Higher Education Percentage: 88.83

•**Mount Carmel Girls' High School** *2020*
Maharashtra Board of Secondary Education Percentage: 95.6

PERSONAL PROJECTS

•**Personal-Portfolio**

Designed and developed a personal portfolio website to showcase my skills, projects, and experiences.

- Tools & technologies used: HTML, CSS, JavaScript
- Created a visually appealing and user-friendly interface to highlight professional achievements and expertise.
- Demonstrated proficiency in front-end development techniques, including CSS animations and responsive design principles.
- Implemented a contact form feature using JavaScript for seamless communication with visitors.
- Regularly updated content to reflect current projects, skills, and accomplishments.

•**Book-Notes**

Developed a web application called "Book Notes" to facilitate organization and management of personal reading materials.

- Tools & technologies used: HTML, CSS, JavaScript, PostgreSQL, Node.js, React.js
- Leveraged frontend technologies like HTML, CSS, and JavaScript to create an intuitive and responsive user interface, enhancing user experience.
- Engineered the backend system using React.js and Node.js, implementing robust APIs for better user experience, data storage, and retrieval.
- Integrated PostgreSQL database to efficiently manage user-generated content, book summaries, annotations, and reviews, ensuring data integrity and scalability.
- Implemented advanced features such as sorting of books to enhance application usability.

•**Tvarit Web Application**

Developed a disaster management webapp to connect victims, volunteers, and service providers in real-time.

- Tools & Technologies Used: HTML, CSS, JavaScript, MongoDB, Node.js, React.js, Google Maps API, Firebase Authentication
- Leveraged HTML, CSS, and JavaScript to create an intuitive and responsive user interface, enhancing user experience.
- Utilized React.js and Node.js to implement robust APIs, improving data storage and retrieval.
- Integrated MongoDB to efficiently manage user data and disaster-related information, ensuring data integrity and scalability.
- Developed live chat functionality and Google Maps integration for real-time communication and location tracking.
- Implemented SOS and Request/Check buttons for efficient emergency response.

ACHIEVEMENTS

•**HackO'Fest Hackathon, NIT Patna** *6th April 2024*
Participant

- Developed a disaster management app ranking among top 20 out of 200 teams.
- Key functionalities: resource allocation, situation check, volunteer registration.
- Enhanced teamwork, problem-solving, and time management skills.

•**Competitive Programming:** Active participant on Leetcode and GeekforGeeks. *ongoing*

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Java, Python, HTML, CSS, JavaScript
Developer Tools: Git, Bootstrap, Figma
Frameworks:Node.js, React.js
Cloud/Databases: MongoDB, PostgreSQL, MySQL
Soft Skills: Communication, Teamwork