




Mayank Raj

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EDUCATION

Bachelor of Technology in Information Technology

Maulana Abul Kalam Azad University of Technology

9.52/10 CGPA

05/2022 – present

Kalyani

Senior Secondary Board Exam

St. Michael's High School

96.2%

04/2019 – 04/2021

Patna

PROJECTS

Full Stack Food Ordering Website (Tomato)

- Developed a full-stack web application enabling users to create accounts, browse food items, and place orders efficiently.
- Built an intuitive Admin Panel for restaurant owners to manage orders, menu items, and user data effectively.
- Designed and implemented a user authentication system with role-based access control (User/Admin).
- Designed a responsive UI/UX using React.js, ensuring compatibility across devices.

Web Development Club Website (REPL)

- Developed a responsive and interactive website for the Web Development Club (REPL) using React.js, showcasing the club's activities and initiatives.
- Designed and implemented a dynamic Teams section to highlight team members with their roles, photos, and social media links.
- Integrated a Gallery module to display event photos in an engaging and visually appealing layout.
- Developed an About Us section with detailed club information, mission, and achievements.
- Optimized performance and loading time through lazy loading of images and code splitting techniques.

OneCart-AI-Powered E-Commerce Platform

- Developed a full-stack AI-powered e-commerce website using the MERN stack with intelligent product search and filtering.
- Integrated AI features like personalized recommendations and chatbot support using TensorFlow.js and OpenAI API.
- Implemented secure user authentication, payment gateway, and a dynamic admin dashboard for product and order management.
- Designed a responsive, user-friendly UI with React, enhancing shopping experience through real-time insights and sentiment-aware reviews.

SKILLS

Languages

Python , C++ , Javascript , C

Machine Learning

Feature Engineering , Dimensionality Reduction ,
Collaborative Filtering

Web Development:

React.js , HTML5 , CSS3 , Bootstrap , NodeJs
, MongoDB , ExpressJS, MySQL

Tools

Git, Github, VS Code, Netlify, Firebase

ACHIEVEMENTS

Solved 350+ algorithmic problems on LeetCode, achieving a highest contest rating of 1746.

Worked as Microsoft Learn Student Ambassador of my college

Current Lead of College Web Development Club (REPL DEVS)

Coding Coordinator of college competitive coding club (HACKAUT)

Solved 250+ problems on platforms like GeeksforGeeks, CodeStudio, and InterviewBit..