Abhirup Roy

Roll No.:12102498
B.Tech - 2021 and 2025
Computer Science and Engineering
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PROFESSIONAL SUMMARY

B.Tech CSE student with a strong foundation in web development technologies. Proven ability to build responsive and performant web applications using React.js and Node.js. Seeking a challenging developer role where I can contribute to projects and grow my skills in a fast-paced environment.

EDUCATION

Degree	Institute	CGPA/Percentage	Year
B.Tech. CSE	Lovely Professional University, Jalandhar, Punjab	7.02 CGPA	2021-2025
Senior Secondary	Sri Sathya Sai vidhyapeeth, Kozhikode, Kerala	68.4%	2020
Secondary	Sri Sathya Sai vidhyapeeth, Kozhikode, Kerala	69.2%	2018

PROJECTS

- **E-Commerce Web Application | Personal Project** *(Ongoing)*
  React, Tailwind CSS, Vite, React Router, Context API. Website | Github
  - The application is built using React, Tailwind CSS for responsive and mobile-first design, and Engineered client-side routing using React Router for seamless navigation and fallback routes. Context API is utilized for efficient global state management.
  - Optimized application performance by Lazy loading, using React's lazy and Suspense, ensuring components and pages load efficiently, enhancing user experience.
  - The project is designed with scalability in mind, to ensure maintainability and adaptability for future enhancements.
  - This project is actively improving with advanced features such as user authentication, payment integration, and order tracking. JSON files are being replaced with API calls to simulate real-world scenarios,

- **Feedback Form Web Application | Minor Project** *September 2025*
  React, Tailwind CSS, REST API, Express, MongoDB Atlas Website | Github
  - Built and shipped a feedback collection web app using React and Tailwind CSS, making it accessible for real users with a clean, mobile-friendly interface.
  - Integrated RESTful API endpoints built with Express, enabling seamless data exchange between frontend and backend.
  - Implemented feedback storage and retrieval using MongoDB Atlas, gaining hands-on experience with NoSQL databases.
  - Strengthened practical knowledge of JavaScript, REST API integration, and database operations in a full-stack environment.

TECHNICAL SKILLS

- **Frameworks and Libraries**: React.js, Node.js, Express.js, Tailwind CSS
- **Programming**: JavaScript (ES6+), HTML5, CSS3 , Java
- **Concepts**: REST APIs, React Router, Data Structures and Algorithms, Authentication with JWT
- **Tools**: Git, GitHub, VS Code, MongoDB
- **Operating Systems**: Windows, macOS(Linux)
- **Methodologies**: Agile, Waterfall

TRAINING

- **Board Infinity** *Jun 2023 - Jul. 2023*
  JavaScript Training Online
  - Accumulated practical knowledge of creating and maintaining front-end web applications
  - DOM Manipulation: Learned how to manipulate the Document Object Model (DOM) using JavaScript for interactive web development.
  - Projects and Exercises: Completed practical exercises and mini projects to reinforce learning and demonstrate understanding of JavaScript concepts.

CERTIFICATION

- **React JS Development**, Self paced, GeeksForGeeks *2025*
- **Software Engineering Job Simulation**, accenture, Forage *2025*