Rajiv Ranjan

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Technical Skills

Languages: C++,Python
Technologies: React.js, Flask, Express.js, jQuery, Bootstrap, Node.js,GitHud ,WebSockets,Redux,MongoDB
Concepts: Version Control, Data Structures and Algorithms (DSA), API Integration, Database Normalization, Agile Methodology, Cloud Computing, Responsive Design, UX/UI Design.

Internship

IBM SkillsBuild   Jun 2023 – July 2023
front-end developer   *WFH*
- Acquired hands-on experience in web design and development, and marketing strategies.
- Developed a deeper understanding of web development and its role in product promotion.
- Implemented best practices in front-end development to ensure a seamless and responsive user interface.

Projects

InstantChat | *MongoDB, Express, Node, React.js (MERN), Socket.io*   link
- Created a user-friendly chat interface with live updates, sticker-through text formatting, and online/offline status indicators.
- Implemented an admin dashboard with advanced search functionality for managing and monitoring user activity.
- Developed robust search functionality for users to find and connect with friends by name.
- Utilized WebSockets and Socket.io for real-time updates and instant notifications.

Trading Chart | *React.js, Flask, Python, jQuery, APIs, Bootstrap*   link
- Designed and developed a trading chart application using TradingView's React library with a user-friendly interface and robust data visualization.
- Implemented multiple chart types (candlestick, line) and a date selection feature for granular market trend analysis.
- Developed a scalable REST API for seamless data exchange and processing.
- Enabled custom data fetching logic using a modular architecture and reusable components.
- Added custom indicators to enhance application versatility.

Movieflex | *React, API, Redux*   link
- Developed a user-friendly interface for movie enthusiasts to make informed viewing decisions.
- Implemented a robust rating system evaluating movies on story, acting, comedy, adventure, animation, drama, and cinematography.
- Created and deployed a scalable RESTful API for improved data retrieval speed and reduced server load.
- Conducted user testing and feedback sessions to continually improve the application's usability and functionality.

Education

Vellore Institute of Technology   Expected July 2025
Bachelor of Technology in Computer Science and engineering (GPA: 8.18 / 10)   *Bhopal, Madhya Pradesh*
Kendriya Vidyalaya   July 2021
All India Senior School Certificate Examination (AISSCE) (percentage: 88.7%)   *Ranchi, Jharkhand*

Achievements/Awards

- Solved over 400+ coding questions on LeetCode, demonstrating expertise in Data structure and algorithmic and coding efficiency

- Participated in the Hackathon hosted by Google Developer Groups in 2023

CERTIFICATION

Full stack web development by Dr. Angela Yu - Udemy
Cloud Computing by NPTEL Online certification
Applied machine learning in Python -Coursera