Sameer rai

+91 7355442696   linkedin.com/in/raisameer/   samerrai350@gmail.com   github.com/Flyingmonk01   Portfolio

EXPERIENCE

BMV Tax Company | Remote Job   **(Jan-2024 – Present)**
- Handling API to extract and standardize transportation data from the database, improving data processing efficiency by 30%.
- Developed a predictive ML model that improved real-time transportation forecasting accuracy by 83%, optimizing operational efficiency.
- Analyzed speed differentials and threshold values, enhancing reporting clarity and stakeholder engagement by 25%.

OctaNet Services Pvt Ltd | Web Developer Intern   **(Feb-2024 – March-2024)**
- Developed state management in the frontend by Redux Toolkit, improving user experience and reducing application loading times by 25%.
- Implemented efficient API between the database and backend, enhancing data integrity and reducing response times by 40%.
- Achieved a 70% reduction in unauthorized access through a resilient login/signup system with email verification.

PROJECTS

p-Lancers   **Demo   GitHub**
Portfolio Showcasing the Work, Experience and for clients engagement
- Built a Next.js portfolio with Firebase for customer reviews, boosting user engagement by 30%.
- Integrated an OpenAI chatbot, enhancing query resolution times by 40%.
- Optimized performance, cutting page load times by 50% and improving responsiveness by 25%.

Blog-App   **Demo   GitHub**
- Developed a Blog app using React and TinyMCE editor, integrated with Appwrite for backend services.
- Implemented a robust authentication system and efficient state management, reducing load times by 30%.
- Enhanced user experience, resulting in a 25% increase in user engagement.

CADEMY   **Demo   GitHub**
Subscription Based video streaming platform
- Implemented a highly secure login/signup system with a 100% success rate against unauthorized access attempts.
- Developed efficient CRUD APIs for seamless video content management, maintaining quick response times under 100 milliseconds.
- Enhanced React.js frontend for easy video handling, resulting in a 30% performance boost.

EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR
Masters, Mathematics and Computing | Aug/2022 – May/2024 | **GOLD MEDALIST**   CGPA - 9.63

BANARAS HINDU UNIVERSITY
BSc. (Hons.) Mathematics | August/2019 - June/2022 | Varanasi, UP   CGPA - 8.48

KENDRIYA VIDYALAYA, Raebareli, UP | Passed 2018   Percentage - 90

SKILLS

Programming Languages • C++ • JavaScript • Python

Technologies • HTML • CSS • JavaScript • React JS • SASS • Tailwind CSS • Node JS • Express JS • Next JS • React-Native

Database • MongoDB • MySQL • SQL
Version Control • GitHub • Git
Data Structures and Algorithms

ACHIEVEMENTS
- 618th Rank in GFG Contest out of 3500 people.
- Gold Medalist in Mathematics and Computing from NIT Hamirpur.
- Solved more than 400 DSA problems.