Rahul Kumar

Patna, Bihar 800026

📞 9142901293 ✉ rahulkumar20010702@gmail.com in kumar-rahul2001 ⌓ kumar-rahul2001

Education

Bihar Engineering University Patna	Sep. 2020 – Aug 2024
B.Tech in Computer Science and Engineering	Patna, Bihar

Relevant Coursework

- Data Structures
- Algorithm Analysis
- Artificial Intelligence
- Machine Learning
- Software Methodology
- Database Management
- Internet Technology
- Computer Network

Experience

Shwastik Tech Solutions Pvt. Ltd.	**Patna, Bihar**
Full-Stack Developer | *React.js, Node.js, Django*	**Mar. 2024 – Present**

- Developed a robust trading platform leveraging the ICICI Breeze Connect API which is is a set of REST-like APIs to build a complete investment and trading platform.
- Utilized React for building dynamic and responsive front-end interfaces.
- Used Django and Web Socket for efficient and real-time back-end communication.
- Integrated React Graph Library and Trading View charts for interactive data visualization and technical analysis.
- Implemented real-time data streaming and updates to ensure accurate and timely information for traders.
- Integrated login, signup, payment system and protected routes.

Projects

E-Mag | *ReactJs, NodeJs, ExpressJs, MongoDB, Vercel*	**March 2024**

- A web application allowing users to read, rate, and interact with the college magazine.
- Implemented a robust admin panel enabling role-based functionalities for adding, deleting, and editing magazine content.
- Designed a section for administrators to view and manage user and magazine lists.
- Integrated login, logout, and signup functionalities ensuring secure access to the platform.
- Ensured user data security and privacy through secure authentication mechanisms.
- Created an intuitive and user-friendly interface for seamless navigation and interaction with the magazine content.

Natours | *NodeJs, ExpressJs, MongoDB, Pug, CSS3, Vercel*	**Dec. 2023**

- A comprehensive tour booking app enabling users to sign up, log in, and add tours with diverse features to their cart.
- Integrated the Stripe payment system to facilitate secure and seamless transactions within the app.
- Implemented role-based access controls, ensuring protected routes and pages for different user roles such as admin, tour-guide, instructor, and user.
- Ensured secure and appropriate access to various functionalities based on user roles.
- Designed and implemented secure authentication and authorization mechanisms for user sign-up, login, and role management.

Promptopia | Next.js, *NodeJs, ExpressJs, Firebase, Vercel*	**June. 2023**

- Developed an open-source tool designed to help users discover, create, edit, and share creative prompts.
- Implemented email-based login functionality to enable secure access for users.
- Ensured user-generated prompts are saved into a database for public visibility and access.

Technical Skills

Languages : C, C++, JavaScript, Python
Libraries/Frameworks : React.js, Express.js Next.js, TypeScript, Webpack, Git, Docker
Database : MongoDB, Firebase, PostgresSQL, SQL
Developer Tools : VS Code, Eclipse, Azure, AWS, Vercel
Other Skills : Figma, Canva

Leadership / Extracurricular

Member of PSOC (Programming Society)	**BPMCE, Madhepura**

- Participated in various coding competitions and hackathons organized by the society.
- Contributed to the development of several programming projects and collaborative coding exercises.
- Mentored junior students, helping them improve their coding skills and understand complex concepts.