

Rahul Kumar

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Education

Bihar Engineering University Patna

Sep. 2020 – Aug 2024

B.Tech in Computer Science and Engineering

Patna, Bihar

Relevant Coursework

- Data Structures
- Artificial Intelligence
- Software Methodology
- Internet Technology
- Algorithm Analysis
- Machine Learning
- Database Management
- 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 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, Node.js, Express.js, 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, HTML5, CSS3

Libraries/Frameworks : React.js, Express.js, Next.js, TypeScript, Webpack, Git, Docker

Database : MongoDB, Firebase, PostgreSQL, SQL

Developer Tools : VS Code, Eclipse, Azure, AWS, Vercel

Other Skills : Figma, Canva, WordPress, Saas, Scss, Tailwind CSS, jQuery

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.