

# 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. (Remote)

Patna, Bihar

Full-Stack Developer | ReactJs, NodeJs, ExpressJs, MongoDB, Vercel

Mar. 2024 – Present

- Developed a repo app which is used to manage and track the status of vehicles loan payment. It also have staff and agent management systems like tracking them, clearing device registrations, adding, deleting and editing them etc.
- Built APIs for staff and agents for logging into mobile app.
- Integrated login, signup, payment system and protected routes using middleware's.
- Uploading csv files which contains the list of all the vehicles whose loan is remaining.
- Dashboard for admin and superadmin to mangae the data based on their role.
- Used redux toolkit to manage the features like dark mode. Axios for API call etc.

## 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, HTML5, CSS3

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

Database : MongoDB, SQL

Developer Tools : VS Code, 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.