

Rudendru Rahul

Delhi | +91 8745813705 | rudendru0310@gmail.com | [Linkedin](#) | [Github](#)

Passionate technology enthusiast aspiring to build a rewarding career in software engineering.

EDUCATION

Netaji Subhas University of Technology (NSUT), Delhi, India

Aug-19-May-23

Bachelor of Technology (Electrical Engineering)

EXPERIENCE

Software Developer - BterAI | Full-Time

Jan-24-Sep-24

- Developed and integrated frontend components using React JS and Redux, improving user experience by seamlessly connecting APIs to the front end.
- Built RESTful APIs using Express and Postgres; integrated Stripe for payment processing and Kafka for data imports while ensuring comprehensive unit tests across services, controllers, and repositories.
- Utilized Swagger for API documentation and testing, maintaining high standards of code quality and functionality.
- Resolved complex bugs in video calling and chatbot projects, enhancing peer-to-peer audio, video, and data communication stability.

Full Stack Developer - Apna-Cam | Full-Time

Jul-23-Jan-24

- Developed frontend interfaces and backend logic to ensure efficient communication between client and server.
- Implemented secure RESTful APIs using Express.js, incorporating authentication and authorization.
- Integrated Redux Toolkit into the React.js frontend to optimize state management and improve scalability and maintainability.

PROJECTS

Video Search Engine [Link](#)

- Developed a dynamic web application using React.js and Webpack, integrating the YouTube API and suggestion API for video search functionality.
- Leveraged React Router DOM and Redux store for efficient data management, and styled the UI using Tailwind CSS, resulting in a user-centric experience.

Short-Url

- Built a URL shortening service using Express.js and MongoDB, enabling users to shorten and track URLs.
- Implemented server-side rendering (SSR) with EJS for dynamic content generation, ensuring a smooth user experience while efficiently managing URL mappings and backend analytics.

SKILLS

- **Programming Languages:** C++, JavaScript.
- **Core Knowledge:** Data Structures and Algorithms, Object-Oriented Programming (OOP), Database Management Systems (DBMS), Operating Systems.
- **Tools and Frameworks:** HTML, CSS, JavaScript, React JS, Next.js, Express, MySQL, Postgres, Git, MongoDB (familiarity).
- **Debugging Tools:** Proficient in both frontend and backend debugging.

ACHIEVEMENTS

- Awarded merit-based scholarships throughout higher studies by the Delhi Government (2019-2023).
- Solved 400+ DSA problems on [Leetcode](#), along with contributions to [CodeStudio](#) and [GFG](#).
- Secured 2nd place in District Mental Maths quiz (Class IX, X).
- Achieved 1st place in cricket during the Winter Sports event at NSUT.

LEADERSHIP AND AFFILIATIONS

Content designer and Tutor at Prayas-NSUT

- Created engaging content for Instagram and Facebook to capture students' attention.
- Tutored students in Mathematics and Chemistry for classes 11th and 12th.