

Rahul Dey

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EDUCATION

Woolf University

M.Sc in Computer Science

California

March 2024 – Present

Alma Better

Full Stack Web Development

Bengaluru

July 2023 – March 2024

NSHM Knowledge Campus Kolkata

B.Sc in Hospitality And Hotel Administration

Kolkata, West Bengal

July 2020 – June 2023

EXPERIENCE

Web Development Trainee (MERN stack)

Alma Better

March 2023 – March 2024

Bengaluru

- Skills: MERN, Search Engine Optimization, DSA, Databases, Monitoring, Team work, Business Communication.
- Gained hands-on experience in front-end with Back-end programming languages and tools such as React.js, Next.js, Node.js and using databases such as MongoDB and MariaDB.
- Created and optimized web applications, utilizing front-end frameworks like React and back-end frameworks like Express .
- Learned about best practices, including user authentication, federated login/register and data encryption, to develop and deploy high-quality and secure web applications.
- Secured the 2nd place among the top 3 students in the cohort of 232+ students , and worked as an SME.

Industrial Trainee

The Lalit Great Eastern Kolkata

Nov 2021 – May 2022

Kolkata, West Bengal

PROJECTS

Entertainment App

[Live Demo](#) | [GitHub](#)

- * Tech-Stack Used: React, JavaScript, HTML, CSS, Tailwind CSS, MongoDB, Node.js, Express.js, TMDB API
- * User-Centric Design and Security: The dynamic Home page showcases recent and trending movies and TV series. Dedicated pages for Movies and TV Series offer diverse content across genres. The Bookmarks page allows users to curate their entertainment library by bookmarking favorite movies and TV series. Overall, the app aims to keep users engaged and satisfied with their entertainment choices.
- * Scalable Architecture and Development: The project implements best practices such as modular code structure, code commenting, and Git version control. Continuous integration and deployment streamline testing and facilitate scalability.

Portfolio Website

[Live Demo](#) | [GitHub](#)

- * Tech-Stack Used: React, JavaScript, HTML, CSS, Bootstrap, MongoDB, Node.js, Express.js, Nodemailer
- * Skills Showcase: Highlighted my expertise in full-stack web development, including proficiency in languages such as HTML, CSS, JavaScript, and frameworks like React.js and Node.js.
- * Project Gallery: Presented curated projects showcasing diverse functionalities, design, and problem-solving.
- * About Me Section: Shared background, education, experience, fostering personal connection.
- * Contact Form and Downloadable Resume: User-friendly form for inquiries, downloadable resume for qualifications.

Flashcard Generator

[Live Demo](#) | [GitHub](#)

- * Tech-Stack Used: React, JavaScript, HTML, CSS, Tailwind CSS, Redux, Formik, Yup, React-router-dom, React-icons
- * Intuitive Interface: Formik and Yup enable easy form filling for flashcard creation, including titles, descriptions, and multiple terms, with dynamic term management.

- * Enhanced Sharing and Accessibility: Redux and React-router-dom structure the "My Flashcards" section for easy navigation and management. React-icons and Tailwind CSS facilitate sharing via unique links, PDF download, and offline study with printing options for physical copies.

To-Do-App

[Live Demo](#) | [GitHub](#)

- * Tech-Stack Used: React, JavaScript, HTML, CSS, React-Dom, UUID, Jest-Dom
- * Developed a ToDo app with React, JavaScript, HTML, and CSS, utilizing React-Dom for component rendering, UUID for task identification, and Jest-Dom for component testing. The app allows seamless task management, enabling users to add and remove tasks effortlessly, staying organized and productive.

Weather-App

[Live Demo](#) | [GitHub](#)

- * Tech Stack Used: React, JavaScript, HTML, CSS, React-Dom, Jest-Dom, Weather API
- * Utilized React, JavaScript, HTML, and CSS for frontend development, including React-Dom for component rendering and Jest-Dom for testing. Integrated Weather API to provide real-time forecasts, current temperature in Celsius, and wind speed data for any location, creating a user-friendly weather companion for easy access to accurate updates, simplifying planning activities accordingly.

Get-Youtube-Subscribers

[Live Demo](#) | [GitHub](#)

- * Tech-Stack Used: React, JavaScript, HTML, CSS, NodeJS, Express.js, Mongoose, MongoDB, Chai, Mocha, Dotenv, Mochawesone
- * YouTube Subscriber Tracker: Utilizes React, JavaScript, HTML, and CSS for a user-friendly interface fetching detailed subscriber data from YouTube.
- * Node.js Backend: Built with Node.js, Express.js, Mongoose, and MongoDB to handle frontend requests, fetching and storing subscriber data.
- * API Endpoints: Includes GET /subscribers for detailed info, GET /subscribers/names for names and channels, and GET /subscribers/:id for subscriber retrieval or error.
- * Testing and Validation: Chai and Mocha ensure API functionality and error handling, Dotenv configures the environment, and Mochawesome generates detailed test reports in Node.js.

Amazon-Clone

[Live Demo](#) | [GitHub](#)

- * Tech-Stack Used: React, HTML, CSS
- * Employed HTML and CSS to meticulously craft the layout and design elements, ensuring visual fidelity to the original Amazon interface while honing skills in front-end development.

TECHNICAL SKILLS

Languages: JavaScript, HTML, CSS, Data Structures and Algorithms, SQL(Maria DB), No SQL(MongoDB)

Frameworks: React, jQuery, Tailwind CSS, Bootstrap, NextJS, Express.js, Node.js, REST API

Developer Tools: Git, Github, AWS, VS Code, Visual Studio

Libraries: Mongoose, React Router, Express Validator, Axios, Redux, Jest, Chai, Mocha