Abir Santra
BTech IT Undergraduate | MERN Developer

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Skillset

Languages	Javascript	Java	C	C++
Technology	React	NextJS	Redux	Node	Express	MongoDB	Mongoose	Firebase Storage	Git	JWT
Services	Heroku	Netlify	GitHub	Render	MongoDB Atlas

Experience

Exambazaar Backend Developer Intern **Jan 2023 - Present**

- Developed an OTP login system for the company homepage using a third-party SMS vendor.
- Developed a system to store and download reports of the User Journeys (essentially, the buttons clicked and the pages visited by the user) on the company website as well as back-populating the user ids respective to the UUIDs after user login.
- Currently working on an Omni-Channel Communication System designed for company-to-user communication which includes Emails, SMS, IVRS, Whatsapp messages, and App Notifications.
- Currently working on an internal company workboard to manage teams, projects, and tasks similar to Asana

Hacktoberfest 2022 Contributor **Oct 2022**

- Designed & developed a 'First Contribution' instructions page for beginner contributors using NextJS and Tailwind CSS. PR Link.
- Improved a section of the website by rewriting content and redesigning UI using NextJS and Tailwind CSS. PR Link.
- Developed a 'Pricing Card' component from a Figma design for a Web-UI kit using TailwindCSS. PR Link.
- Improved the design of a Landing Page by making it more similar to the proposed Figma design using React. PR Link.
- Improved user experience by adding a 'Read More/ Read Less' button to long book descriptions using Javascript and CSS. PR Link.

Freelance Frontend Developer *Jul 2022*

- Designed and developed the landing page, services page, and contact page for a digital agency startup (NDA) using React.

Personal Projects

Resu.me React | Redux Toolkit | Node | Express | MongoDB **Demo Github**

- Developed **Resu.me**, an innovative **online resume builder app**, currently in the **development phase**.
- Powered by **GPT technology**, Resu.me aims to **assist students** in creating professional resumes effortlessly.
- Utilizes a **step-by-step form** to guide users through the resume-building process, **eliminating confusion** about required data.
- Provides **helpful hints** for each input field, **ensuring clarity** and **ease-of-use**.
- Offers an **auto-generate** button for certain inputs, allowing users to **prompt GPT for relevant content** to enhance efficiency.
- Generates resumes that can be **hosted as online pages**, showcasing professional achievements.
- Supports **downloading** resumes in **PDF format** for compatibility and easy sharing.
- Committed to **open-source development**, with plans to release the project to foster **collaboration and continuous improvement**.

Accent React | Redux | Node | Express | MongoDB | Firebase **Demo Github**

- Accent is a **social platform** for artists, creators, and photographers to showcase their works.
- Users can **upload, edit & delete posts** as well as **like, comment & save** other users' posts. Also, users can **edit** their profile details like **username, bio & profile picture**. They can also **add a link** to their **donation pages** which enables them to **receive tips** from their followers.
- **Downloading** other users' posts have been **disabled to prevent stealing** someone else's work. Also, a **watermark is automatically applied** to the posts.
- **Post Images** are uploaded on a **separate database (Firebase)** which makes the **main database (MongoDB Atlas) faster**.

CoinCoin React | Javascript | CurrencyAPI **Demo Github**

- CoinCoin is a **simple web app** that can be used to **convert currencies** as well as **check currency rates**.
- Used **currencyapi** to pull **JSON data** about exchange rates.
- Built a **custom react** hook for the main logic.
- Learned **how to work with APIs**.

WeatherNow React | Javascript | OpenWeatherApi **Demo Github**

- CoinCoin is a **simple web app** that displays the **current weather conditions of** a city.
- Used **OpenWeatherApi** to pull **JSON data** about weather conditions.
- Built a **custom react** hook for the main logic.
- Learned **how to work with APIs**.

Education

MCKV Institute of Engineering (2020–2024)
B. Tech in Information Technology
GPA: 9.6

Adamas International School (2005–2020)
Council for Indian School Certificate Examinations
12th Percentage: 89%
10th Percentage: 91%

Roles & Responsibilites

- **Social Media Coordinator** at Institution's Innovation Council of MCKV Institute of Engineering

- **Organizing Committee Technical Head** for Pulse.exe which is a yearly technical event of the IT Department of MCKVIE