Reetam **Chatterjee**

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EDUCATION

B.Tech in Computer Science & Information Technology
University of Engineering and Management Kolkata
CGPA: 8.93
2019 - 2023

Schooling
Purwanchal Vidyamandir
10th(2016-2017) - 89.5%
12th(2017-2019) - 87.5%
2016 - 2019

LINKS

- github
- linkedin
- portfolio website
- hackerrank
- leetcode

SKILLS

- **Programming Languages** :
  - Javascript
  - Python
  - C++
  - Java
  - Typescript
  - SQL
- **Libraries & Frameworks** :
  - Node.js
  - Express
  - React.js & Redux Toolkit
  - React Native
  - Flask
  - Numpy & Pandas
- **Database** :
  - MongoDB
  - MySQL
- **Tools** :
  - VSCode
  - Git & Github
  - Webpack
  - Bash
  - Windows

WORK EXPERIENCE

- **Fortmindz** - Trainee Software Engineer   Sept 2023 - Present
  - Built a robust REST API backend for a Flutter Web App, enabling users to seamlessly book appointments and purchase products. Integrated secure **role-based authentication**, and incorporated **payment gateway**. Implemented complex queries to get data insights and statistics.
  - Built a dynamic music upload and sales platform for indie artists. Successfully integrated a secure payment gateway, role-based authentication and file upload on **Digital Ocean Spaces**.
  - Technology Stack - **Node.js & Express, MongoDB, Typescript**
- **Settyl** - Full Stack Engineer I - Intern | Remote Aug 2023 - Sept 2023
  - Built the mobile application using **Ionic Framework** with **React** and pre-built web components.
  - Learnt and worked with **Micro Frontend architecture** and **webpack**.
  - Created a drag and drop component generation application from scratch using **react-dnd** and HTML, CSS. Optimized the code and logic by approximately 10%.
  - Technology Stack - **React.js, Node.js & Express, MongoDB, Ionic, Material UI**

PERSONAL PROJECTS

- **React Admin Dashboard**   Dec 2023
  - Built a premium admin dashboard UI with different graphs and tables for statistics and **data visualization** using **Nivo Charts**.
  - Added dark mode and light using the **Context API** following all the best practices.
  - Added calendar for event management and scheduling using **full calendar package**.
  - Technologies used – **React.js, Material UI, Formik, Nivo, Netlify**.
- **Ecommerce REST API**   August 2023
  - Built a robust backend REST API for an ecommerce application equipped with full **CRUD** functionalities.
  - Implemented user authentication and authorization using **JWT** strategy, **API rate limiting and caching**.
  - Technologies used – **Node.js, Express.js, MongoDB, mongoose, cyclic.sh**.
- **LetsChat**   April 2022
  - Built a full stack web application that allows users to sign up and chat, both one to one and in groups.
  - Implemented authentication, added functionality to create, delete and edit groups.
  - Technologies used – **React.js, Node.js, Express, JavaScript, MongoDB, Chakra UI, Socket.io, Heroku**.

ACHIEVEMENTS

- Achieved a **Global Rank of 1715** and **AIR 479** in **Google Hashcode 2022**.
- Successfully made contributions in **Hacktoberfest 2021**.