

Kumar Sanjeev Dutta

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Profile

I am an aspiring Backend Node.js Developer with a passion for creating robust and efficient web applications. Proficient in Node.js, Express, SQL, MySQL, MongoDB, and vanilla JavaScript. Eager to contribute my skills and learn from experienced teams. Although I have a very little experience, my enthusiasm and commitment drive me to excel in the backend field. I am open to internships or entry-level positions to gain practical experience and contribute effectively.

Projects

Expense Tracker App

Nov 2023 to Jan 2024

- Used nodejs and express js in backend and vanilla js in frontend, for database MySQL is used.
- vanilla SQL queries are used without any ORM for crud operations on database along with old school callback version without promises. later i converted this to MongoDB database also along with mongoose ODM.
- except from crud operations, some features of the app includes pagination, leaderboard for premium users and payment integration with razorpay api (test mode).
- *the app is deployed on AWS (ec2 free tier) but is stopped due to charging issues.

Group Chat App

Jan. 2024 to Mar. 2024

- Used nodejs and express js in backend and vanilla js in frontend, for database MySQL is used.
- SQL queries are used with sequelize ORM for crud operations on database along with promise version. later i converted this to MongoDB database also along with mongoose ODM.
- except from the basic crud operations, some features of the app includes admin control since each group will have a unique admin, so i have tried to implement role-based-access-control (RBAC).
- initially the app was created with long polling with setInterval but it is being optimised with socket.io library.
- *the app is deployed on AWS (ec2 free tier) but is stopped due to charging issues.

Certificates

freeCodeCamp (2021 - 2022): Javascript Algorithms and Data Structures. [🔗](#)

Udemy, 2022 How the Internet Works and the Web Development Process. [🔗](#)

Udemy, 2022 Html, Css, javascript certification course for beginners [🔗](#).

Technical Skills

Languages: C++, Javascript

Backend: Node.js, Express.js, TypeScript

Frontend: Vanilla javascript, React, TailwindCSS, HTML, CSS, Bootstrap

Clouds & Databases: AWS, GitHub, MySQL, PostgreSQL, MongoDB

Web Technologies: Docker, Socket.io