

CHARAN B

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Linkedin | GitHub | Portfolio

Technical Skills

Languages: Python, JavaScript, Java, Html, CSS.
Database & Dev Tools: MongoDB, MySQL, SQL, Git, GitHub.
Frameworks & Libraries: Django, React.js, Django Rest Framework, Tailwind, Redux, Bootstrap.
Other: Data Structures and Algorithms (DSA), Operating Systems, DBMS, Object-Oriented Programming(OOPS).

Internships

EIM Solutions

Feb 2024 – Apr 2024

Software Developer Intern

- Gained hands-on experience with Django, assisting in the development of backend systems and APIs, contributing to the creation of scalable, high-performance web applications.
- Gained experience with both relational (SQL) and NoSQL (MongoDB) databases, focusing on optimizing data storage, retrieval, and query performance across diverse database environments.
- Engaged with various teams to integrate features and address technical challenges, enhancing teamwork and project execution.

Ethnotech Solutions

Aug 2022 – Dec 2022

Software Developer Intern

- Gained hands-on experience in building both frontend and backend components of web applications using React.js for the frontend and Python for the backend, creating scalable, high-performance solutions.
- Actively contributed to the design and development of dynamic user interfaces, implementing responsive design principles and creating a seamless user experience that optimized both performance and usability.
- Engaged in database management with MongoDB, MySQL, and NoSQL technologies, optimizing data retrieval through efficient indexing, ensuring data integrity and security while maintaining scalability.
- Collaborated across cross-functional teams to integrate features and resolve technical challenges, streamlining workflows and improving overall project execution in an agile environment.
- Oversaw version control with Git, promoting collaboration through effective code reviews and integration workflows.

Projects

Discord Room/Django, Python, Html, CSS, Javascript, PostgreSQL [Link](#)

Dec 2024

- Developed a comprehensive Discord-inspired platform that allows users to create and manage public rooms, facilitating seamless communication and collaboration.
- Integrated real-time chat functionality, enabling instantaneous messaging between users within rooms, ensuring active interaction and engagement.
- Implemented secure user authentication to ensure only verified users can create or join rooms, with customizable access control for enhanced privacy and security.
- Implemented user profile management features, allowing users to create, update, and personalize their profiles, view available rooms, and track the recent activities of their friends, enhancing user experience and fostering deeper engagement.

Finance Tracker/ReactJs, Javascript, Tailwind, Redux [Link](#)

Aug 2024

- Developed a fully responsive finance tracker application using React and Tailwind CSS, enabling users to efficiently monitor and manage their income, expenses, and savings through an intuitive and user-friendly interface.
- Integrated real-time currency conversion functionality by leveraging external APIs, providing users with seamless multi-currency support for more flexible financial management across global transactions.
- Enhanced the application with dynamic financial insights, incorporating an external API to aggregate and present current market trends and financial news, empowering users to make informed decisions based on real-time data.

Certifications

React and Redux Certificate

Aug 2024

Credential: <https://www.kgcoding.in/share-certificate?serialNo=ZWOCHRBS>

Dbms and SQL

Jan 2023 –Mar 2023

Credential: <https://archive.nptel.ac.in/noc/Ecertificate/?q=NPTEL23CS41S2422117203036389>

Education

Bachelors in Computer Science Engineering

Sjb Institute of Technology