CHARAN B

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Linkedin | GitHub | Portfolio

Technical Skills

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

Internships

EIM Solutions   **Feb 2024 – Apr 2024**
CBP Developer
- Gained expertise in various database technologies including MongoDB, JSON, and NoSQL, effectively utilizing these tools to optimize development and deployment workflows, enhancing overall efficiency and performance.
- Contributed to the improvement of database management and data handling techniques for distributed environments, ensuring more efficient, reliable, and scalable systems while improving overall development practices.
- 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

Finance Tracker/ReactJs, Javascript, Tailwind, Redux   **Aug 2024**
- Designed and implemented a responsive finance tracker application using React and Tailwind CSS, enabling users to efficiently record and manage their income, expenses, and savings.
- Utilized APIs to integrate real-time currency conversion features, enhancing user experience by providing seamless financial management across multiple currencies.
- Implemented functionality to aggregate and display current financial news and market trends through an external API, keeping users informed and empowered to make better financial decisions.
- Implemented Redux for effective state management, ensuring a seamless user experience by maintaining application state across components and optimizing performance for real-time updates.

Diabetic Retinopathy using Deep Learning/ Python ,Machine Learning   **Nov 2022-May 2023**
- Design and implement an automated system for the detection of Diabetic Retinopathy (DR) from retinal images, leveraging state-of-the-art deep learning techniques.
- Employ Convolutional Neural Network architectures to thoroughly analyze the dataset, enhancing feature extraction and improving diagnostic accuracy.
- Evaluate the effectiveness of the developed model in facilitating early detection and treatment of DR, thereby reducing the workload of ophthalmologists and enhancing patient outcomes.

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