GAURAV KUMAR SINGH

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Education

Raj Kumar Goel Institute of Technology   May 2024
Bachelor of Science in Computer Science (CGPA: 7.3)   *Ghaziabad, Uttar Pradesh*

Sant Atulanand convent   2019
Intermediate (Percentage:74.00)   *Varanasi, Uttar Pradesh*

Udai Pratap Public school   2017
High School (CGPA 9.2)   *Varanasi, Uttar Pradesh*

Experience

Brain Mentors   June 2023 – August 2023
MERN Stack Developer Intern   *Ghaziabad, Uttar Pradesh*

- I am proficient in MongoDB, React.js, and Node.js from my role as a MERN Stack Developer, with practical experience in utilizing these technologies.
- As part of a collaborative team effort, I contributed to the development and deployment of web applications or features. My responsibilities included engaging in code reviews, resolving bugs, and integrating new functionalities.
- Under the mentorship of experienced professionals, I adeptly tackled technical hurdles within MERN Stack applications. I actively engaged in debugging code and conducting research to find effective solutions, ensuring the delivery of top-notch software solutions.

Projects

Expense and Income Management Dashboard │ *MERN Stack, React, Styled-Components, Chart.js, MongoDB*

- Spearheaded the development of a dynamic dashboard to track and manage income and expenses, utilizing the MERN stack (MongoDB, Express.js, React.js, Node.js) to ensure seamless performance and data management.
- Implemented state management and UI styling with React and Styled-Components, ensuring a responsive and visually appealing user interface across all screen sizes.
- Integrated Chart.js to visualize financial data effectively, providing users with clear insights into their spending habits and income streams.
- Employed robust CRUD operations for transaction handling, backed by MongoDB, allowing users to add, update, and delete records efficiently.
- Ensured consistent and scalable application performance by adhering to best practices in modern web development.

Medical Appointment Booking Platform │ *MERN Stack (MongoDB, Express.js, React.js, Node.js)*

- Engineered a full-stack medical appointment booking platform using the MERN stack (MongoDB, Express.js, React.js, Node.js) to streamline and automate the scheduling of healthcare appointments.
- Developed a secure and scalable backend with Node.js and Express.js, implementing RESTful APIs for seamless data flow between the front-end and back-end, optimizing patient and appointment data management.
- Designed and implemented a responsive user interface with React.js, ensuring a user-friendly experience across multiple devices, with real-time updates and dynamic content rendering.
- Utilized MongoDB for efficient data storage and retrieval, providing scalable and reliable management of patient records and appointment schedules.
- Executed full-stack development practices to handle concurrent user sessions effectively, optimizing both frontend and backend performance, contributing to a smooth and efficient user experience.

Technical Skills

Languages: Java, JavaScript, C++,Python(Basics)
Technologies:React.js, Express.js, Node.js, Redux, Axios
Concepts: Data Structures and Algorithms, Object-Oriented Programming, Compiler, Operating System, Computer Networks, Encryption, Decryption, Database Management System, Agile Methodology, Web Development, Software Engineering Tools:VsCODE,Atom,MongoDB Compass,Figma,Intellij IDEA,Canva ,