VIVEK KUMAR SINGH

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Education

B.P. Mandal College of Engineering   **Sep. 2019 – August 2023**
*Bachelor of Technology in Computer Science and Engineering with **8.14 CGPA***   *Madhepura, Bihar*

Experience

Tech Martin   **Nov 2021 – Feb 2021**
Web Development Intern

- Collaborated with team members using version control systems such as git to organize modifications and assign tasks in different projects and delivered all the assigned tasks in time in time .
- Design every new CSS style for img element to provide responsive design identify and fix bugs/issues.
- Explored ways to visualize and send a daily report of test results to team members using HTML, Javascript, and CSS.

Projects

Get the Session | *Node, Express, MongoDB, React, Google Cloud Console*   **GitHub**

- Developed appointment scheduling system is based on node js that allows users to book appointments.
- Implemented Google calendar APIs to create an event of consultant's Google calendar and send notifications via email in order to interact with their clients .
- In frontend, we using are react as a UI library, tailwind CSS for styling, formik for handling event details
- In the Backend, we are using Express to create server or network requests, mongoDB for saving refresh tokens, and Google APIs for integrating Google Calendar or fetching the details.

NamTube − Youtube clone | *React, Redux, React-router, Tailwind, Youtube V3 API*   **Github**

- Design and develop a Youtube-clone enabling users to enjoy a similar experience to the original youtube with react.
- Integrated Youtube V3 API for array of videos, details about channel and relevance commnet.
- Implemented search suggestions using **debouncing** and caching to optimize the user experience and it enhance performance and minimize API calls, providing lightning-fast search responses.
- API polling for live chat feature in Youtube-Clone to retrieve real-time information from external data source.

Foodie Fan | *React, Redux, Parcel, TailwindCSS, Swiggy API*   **Github**

- Developed a food ordering application using React for effective UI and Tailwind as part of styling and Integrated with Swiggy public API for fetching real-time data from swiggy server.
- Implemented shimmer UI effect to indicates the data is loading from API for better user experience.
- Incorporated Redux to effectively manage cart items of app and data layer of application .
- Using lazy loading or dynamic import to optimizing the app for lightning-fast loading.Written a unit testing with React Testing library for test of search bar.

Technical Skills

Languages: C, C++, Java, HTML/CSS, JavaScript, TypeScript, SQL
Developer Tools: VS Code, GitHub, Eclipse, Google Cloud Platform, Postman
Technologies/Frameworks: Node, Express.js, MongoDB, NextJS, TailwindCSS
Libraries: React, Redux ToolKit

Relevant Coursework

- Data Structures
- Operating System
- Algorithms Analysis
- Database Management
- Artificial Intelligence
- Computer Network
- C/C++ Programming
- Computer Architecture

Achievement

GATE 2023 : I have qualified in Computer science with 31 marks in GATE 2023.   *March 2023*
Namaste React Series : During the training of react, I got a certificate by Akshay Saini.   *June 2023*
Mahindra Pride Classroom : It is soft skills training programme Certificate.   *March 2022*