Vivek Pradhan

Full-Stack Developer

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Education:

- **Gurukul Kangri Vishwavidyalaya (Deemed to be University), Haridwar**   **2021 - 2025**
  - ➢ B. Tech in Computer Science and Engineering
  - ➢ CGPA: 7.6 (as of 5th Semester)
- **Koncept Public School, Chakradharpur, Jharkhand**   **2021**
  - ➢ Class XII Score: 81.0%
- **Madhusudan Public School, Chakradharpur, Jharkhand**   **2019**
  - ➢ Class X Score: 78.0%

Technical Skills:

- **Languages**: C, C++, Python, Javascript, Typescript
- **Frontend**: React.js, Next.js, Redux, Tailwind-CSS, Bootstrap, OAuth, Next-Auth, React-testing-library
- **Backend**: Node.js, Express.js, Rest-Api, React Query
- **Database**: MySQL, MongoDB, Firebase, Docker Engine, Supabase
- **Tools:** VS Code, Git, GitHub, Figma, Command Line Interface, Jupyter Notebook, Postman, Linux (Familiar)
- **Computer Fundamentals**: Data Structures and Algorithms, OOPS, DBMS, Operating Systems

Project Experience:

1) GenZgram (Social-Media)   *Github Link* | *Live Link*
- **Developed** a scalable and high-performance Social Media app using React.js and React Query.
- As a React.js developer, I spearheaded the creation of a social media web application, leveraging the power of React.js, Tailwind CSS, Appwrite, and React Query to deliver a seamless user experience.
- **Implemented** secure user **authentication** and **authorization** using **Appwrite's** authentication services and **JWT tokens** for session management.
- **Integrated** real-time notifications to keep users informed about new messages and activities'

2) FastChat (Chat-App)   *Github Link* | *Live Link*
- **Developed** a feature-rich Chat Application clone using React.js and Socket.io, emphasizing real-time communication and seamless user interaction.
- **Implemented** robust authentication and authorization mechanisms using **JWT tokens**, ensuring secure sign-in and sign-up processes.
- **Supported** one-on-one chat and group chat functionalities, enhancing the app's versatility for different communication needs.
- **Integrated** real-time notifications to keep users informed about new messages and activities.

3) MERN E-Commerce Platform   *Github Link* | *Live Link*
- **Developed** a comprehensive e-commerce platform using the MERN (MongoDB, Express.js, React.js, Node.js) stack, providing a seamless shopping experience.
- **Implemented** secure authentication and authorization using JWT tokens, ensuring user data privacy.
- **Admin Dashboard**: Created an admin panel for managing products, orders, and user information, streamlining administrative tasks.

Work Experience:

- Web Developer Intern - CODTECH IT SOLUTIONS PVT. LTD.
  - **Full-Stack Development**: Assisted in developing and maintaining web applications using HTML, CSS, JavaScript, React.js, and No-SQL.
  - **Database Management**: Managed databases to ensure smooth data operations.
  - **Cross-Browser Compatibility**: Ensured consistent functionality across different browsers.
  - **Problem Solving**: Identified and resolved web development issues, enhancing reliability.

Blogs writing :-
1) **How to Build and Publish Your First React NPM Package.**   *Medium Link*
   - ➢ **Explained** the step-by-step process of creating and publishing a React NPM package, making it accessible for developers of all levels. **Highlighted** the importance of reusable components and how to effectively contribute to the open-source.
2) **What's the Difference Between localhost and 127.0.0.1?**   *Medium Link*
   - ➢ **Explored** the technical differences between localhost and 127.0.0.1, demystifying common misconceptions for developers.