Ashmit Tyagi

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Enthusiastic developer with a strong foundation in web development, proficient in technologies like React, JavaScript, TypeScript, Node.js, and Java. Skilled in building scalable and efficient web applications with a focus on seamless user experience and high performance. Demonstrated ability in developing APIs, handling databases with MySQL, and ensuring responsive design using CSS, Bootstrap, and Material UI.

PROFESSIONAL EXPERIENCE

Software Developer | InfraBlok India Pvt. Ltd | June 2023 – March 2024
- Developed enterprise-grade applications using React,JavaScript, and Typescript, focusing on creating scalable and maintainable solutions with optimized performance.
- Designed and implemented a Partner Portal and MDVerse, utilizing Redux for complex state management and React Hooks for performance enhancements.
- These contributions resulted in a 20% improvement in overall application performance, a 95% reduction in bugs, and a noticeable increase in user satisfaction and engagement.

Intern | GBMR Electronics Pvt. Ltd. | October 2022 – December 2022
- Built and optimized the company's official website using React, implementing performance improvements such as faster load times and responsive layouts.
- Utilized JavaScript and Java source files to streamline the web development process, managing both frontend markup and backend logic efficiently for quicker development cycles.
- This resulted in a 40% increase in user engagement, a 30% improvement in user experience.

EDUCATION

Degree*:* B.Tech in Information Technology   **Duration:** 2019-2023
Institution*:* GL Bajaj Institute of Technology and Management

PROJECTS

Partner Portal
- Spearheaded a highly efficient product-based client project using React, TypeScript, and NodeJs resulting in a 35% increase in overall efficiency and resource utilization.
- Engineered APIs with efficient data fetching mechanisms, implementing interceptors for streamlined API functionality and an enhanced workflow, leading to a 30% improvement in data retrieval efficiency.
- Demonstrated expertise in both frontend and backend development, leveraging React, NodeJs, TypeScript, and ContextApi to deliver a robust and efficient solution, contributing to a 20% increase in system performance.

MDVerse Project
- Played a pivotal role in the efficient development of the MDVerse project, focusing on frontend and backend optimal performance, resulting in a 30% boost in overall project efficiency.
- Architected and implemented a scalable web application using Java , Spring and React.js,NodeJs prioritizing efficiency alongside high performance and security standards, resulting in a 25% increase in system responsiveness.
- Designed and deployed Restful APIs for efficient communication between frontend and backend components, ensuring seamless data exchange and system efficiency, leading to a 20% improvement in data flow efficiency.

Weather Application | LINK
- Designed and implemented an effective weather application utilizing ReactJS for the front-end framework, enhancing user experience with real-time weather updates by 25%.
- Incorporated external weather APIs to fetch and display live weather data, demonstrating proficiency in API integration and handling asynchronous data fetching, increasing data accuracy and speed by 30%.
- Employed React's state management and hooks (useState, useEffect) to manage application state and lifecycle methods efficiently, resulting in a seamless user interface and improved performance by 35%.

TECHNICAL SKILLS

Languages: C++, Java, JavaScript, TypeScript, MySql
Frameworks: React, Node.js, HTML5, CSS, Redux, MaterialUI, Bootstrap
Platform and Tools: Git, GitHub, IntelliJ IDEA, Postman,Visual Studio Code, MySql Workspace
Coursework: Data Structures, Object-Oriented Programming (OOPs), Operating Systems, Computer Network

ACHIEVEMENTS/CERTIFICATES
- Completed multiple online courses to enhance technical skills, including courses in Azure ,AWS S3 , Java programming.
- Successfully completed the 30-day Google Cloud Program, gaining practical experience in cloud computing.
- Achieved Java Developer Associate Certificate (JDBC) issued by ITechCert.
- Successfully achieved React.js and Node.js certificates issued by Cutshort .