JAY KUMAR

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Education

Graphic Era Hill University, Dehradun	**September 2022 – June 2024**
MASTERS IN COMPUTER APPLICATION	*CGPA: 7.52/10*
Sherwood College of Professional Management	**July 2019 – June 2022**
BACHELOR IN COMPUTER APPLICATION	*Percentage : 73.5*
INTERMEDIATE	**April 2018 – June 2019**
CBSE BOARD	*Percentage :70.33*

Technical Skills

Languages: Java , C++, C
Database: MySQL,Oracle,Microsoft SQL Server
Web Technologies: HTML, CSS,PHP, AJAX, VBScript, DHTML, ANGULAR JS, REACT JS, , XML, API,NODE JS
Software & Tools: L I N U X , G I T H U B

Experience

OCTANET SERVICES   APRIL 2024

- *Front-End Development*
- *Developed responsive, mobile-first web applications using HTML5, CSS3, and JavaScript, enhancing user experience across multiple devices.*
- *Implemented modern UI frameworks like React.js and Angular to create dynamic, interactive user interfaces, resulting in a 20% increase in user engagement.*
- *Optimized front-end performance by employing techniques such as lazy loading, code splitting, and utilizing modern CSS frameworks, reducing load times by 30%*

ANALYZE INFOTECH   June 2022

- *Designed and implemented relational database schemas using MySQL, ensuring data integrity and optimal performance.*
- *Developed complex SQL queries, stored procedures, and triggers to support application requirements and enhance data manipulation capabilities.*
- *Integrated MySQL databases with Java-based backend services using Hibernate/JPA, providing seamless data persistence and retrieval.*
- *Optimized database performance through indexing, query optimization, and partitioning, resulting in a 40% reduction in query execution times.*
- *Implemented data migration and transformation processes using MySQL, ensuring smooth transitions during database upgrades and schema changes*

Zidio Development   ONGOING

- Developed full-stack web applications using the MERN stack (MongoDB, Express.js, React, Node.js), delivering robust and scalabl
- Designed and implemented RESTful APIs with Express.js and Node.js, ensuring efficient and secure data.
- Created dynamic and responsive user interfaces using React, integrating Redux for state management and ensuring seamless user experiences
- Built and maintained NoSQL databases with MongoDB, implementing schemas and managing data efficiently.
- Integrated third-party APIs and services into applications, enhancing functionality and providing users with comprehensive feature

Projects

- **DOC TIME SCHEDULAR**

  This project is a web application built using React.js for the frontend and MySQL for the backend database.

  User Authentication: Secure login and registration system allowing users to create accounts, log in, and manage their profiles.

  Dynamic Content: Interactive components and dynamic data fetching to provide a smooth user experience.

CRUD Operations: Users can create, read, update, and delete records in the MySQL database through an intuitive interface.

Responsive Design: The application is designed to work across various devices, including desktops, tablets

• TO-DO LIST

This project is a simple and efficient to-do list application built using React.js. The goal of this project is to provide users with an intuitive interface to manage their daily tasks, enhancing productivity and organization.

Task Management: Users can add, edit, and delete tasks easily
.
Task Completion: Users can mark tasks as completed, and the UI reflects these changes dynamically.

Responsive Design: The application is designed to work seamlessly across various devices, including desktops, tablets and smartphones.

Persistent State: Tasks are stored in the browser's local storage, ensuring that user data is preserved even after refreshing the page or closing the browser.

• PORTFOLIO

This project is a static website built using only HTML and CSS. The primary goal is to create a visually appealing and user-friendly interface that showcases the essential features of a well-designed webpage without relying on JavaScript or backend technologies.

Responsive Layout: The website is designed to be fully responsive, ensuring a seamless experience across various devices including desktops, tablets, and smartphones.

Clean and Modern Design: Utilizing modern CSS techniques, the website features a clean and aesthetically pleasing design with attention to typography, color schemes, and layout.

Navigation Menu: A user-friendly navigation menu allows visitors to easily explore different sections of the website

Media Integration: The website includes images and videos to enhance content and provide a rich user experience.