AMAN JOSHI

Software Developer

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SUMMARY

Highly motivated and eager to apply knowledge and skills to real-world projects. I strive to become an indispensable asset to the organization by consistently contributing to its success and actively pursuing ongoing learning opportunities.

PROJECTS

Fitcloth - E-commerce SPA Project | Frontend Developer   05-2024

- Technologies Used: React, Redux, MobX, React Router, Webpack, Babel, CSS-in-JS (styled-components)
- Developed a Dynamic SPA: Built a single-page application for e-commerce using React, enhancing user experience with seamless navigation.
- State Management: Utilized Redux and MobX for efficient state management, ensuring consistent application state across components.
- Dynamic Routing: Implemented React Router for efficient navigation and dynamic routing within the application.
- React Expertise: Applied React hooks, lifecycle methods, and state management to create robust, interactive UI components.
- Designed reusable components to streamline development and maintenance.
- Styling: Used CSS-in-JS libraries like styled-components for scalable and maintainable styling solutions.
- Performance Optimization: Enhanced application performance through code splitting, lazy loading, and memoization techniques, resulting in faster load times and improved user experience.

Rapid 2 Food Orders: | Java, React, Hibernate, MySQL   01-2024

- SDLC Model : Agile process Model
- A cutting-edge initiative to revolutionize the rapid booking process for food orders in high-traffic locations, like college cafeterias, leading to a reduction in customer wait times.
- Main focus testing on Admin page, Owner page.
- To address the challenges of peak-hour orders and streamline the food booking process for students and staff alike, this innovative system is designed.

Firefighting Solution | IOT, C++, ESP32 Micro Control   05-2023

- Real-time fire detection system with ESP32 micro-controllers.
- Developed with C++ in Arduino IDE
- Focused on enhancing firefighter safety and operational effectiveness.
- Collaborated closely with team members to ensure project success.

TECHNICAL SKILLS

- Java
- C/C++
- Python
- R
- React
- MySQL
- MongoDB
- Data Structures and Algorithms
- Power BI

EDUCATION

Lovely Professional University   **2022 – 2024**
MCA - Master of Computer Application - CGPA - 8.12   *Phagwara, Punjab*

CSJMU University   **2019– 2022**
BCA - Bachelor of Computer Application - CGPA - 6.9   *Kanpur,UP*

ACHIEVEMENTS

Patent – On idea **02-2023**

Automation Wireless Chair and Desk Adjustment System

• A unique idea on "Machine Learning -Based Automation Wireless Chair and Desk Adjustment System", Sensor and vision inspired "IOT" based automatic system adjust of chair according to individual.

CERTIFICATIONS

- Python Course on Multiple Languages, IIT Madras
- Programming in Python
- The Java Language
- C++ Programming
- MongoDB
- PyGame
- MySQL