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

Rapid 2 Food Orders: | Java, React, Hibernate, MySQL   **03-2024**

- 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.

Digital Signature Using Public Key Cryptography | Java   **10-2022**

- Constructed an application to build a unique key using the ECC algorithm.
- To authenticate the user's verification and validation, this application is designed.

TECHNICAL SKILLS

- Java
- C/C++
- Python
- R
- Java Script
- CSS
- HTML5
- Software Engineering
- Computer Networking
- Data Structures and Algorithms
- MySQL
- MongoDB
- 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