

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 Native, 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

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|----------|---------------|------------------------|-----------------|
| • Java | • R | • React Native | Problem-Solving |
| • C/C++ | • Java Script | • Software Engineering | • MySQL |
| • Python | • CSS | • Computer Networking | • MongoDB |
| • Java | • HTML5 | • Algorithmic | • 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