

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

Firefighting Solution | IOT, C++, ESP32 Micro Control 03-2024

- 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.

Rapid 2 Food Orders: | Java, React Native, Hibernate, MySQL 05-2023

- SDLC Model : Agile process Model
- An exciting back-end and front-end project that focuses on the rapid booking of food orders in crowded areas such as college cafeterias.
- Main focus testing on Admin page, Owner page.
- This innovative system is designed to address the challenges of peak-hour orders and streamline the food booking process for students and staff alike.

Digital Signature Using Public Key Cryptography | Java 10-2022

- Constructed an application to build a unique key using the ECC algorithm.
- It's an application to authenticate the user's verification and validation.

TECHNICAL SKILLS

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

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 