# AMAN JOSHI

Software Developer

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## 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*

## TECHNICAL SKILLS

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

## 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.

## 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