

# Karan Sanjay Jadhav

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 [GitHub](#) |  [LinkedIn](#)

## OBJECTIVE:

Seeking a challenging position in an organization, which gives me a chance to expand my knowledge, enhance my skills and enable me to strive towards the overall development of the organization.

## Educational Qualification:

Standard	Institute	Board/University	Percentage/CGPA
MCA	Dr. DYPCMR	SPPU	7.8 CGPA
BCS	MSG College	SPPU	6.5 CGPA
HSC	MSG College	Maharashtra State Board	69.83%
SSC	Ravalagaon English School	Maharashtra State Board	81.80%

## Highlights:

- Experience in Application development using C, C++, JAVA, Python.
- Experienced in Object-Oriented Programming (OOP) concepts and design patterns.
- Experience in Mobile Application development in Android using Java.
- Proficient in Database handling using MySQL and NoSQL (MongoDB).
- Experienced in Algorithm designing and problem-solving techniques.
- Strong understanding of Operating System internals.
- Good Analytical and Problem solving skills.

## Technical Skills :

- **Programming Languages** : C, C++, Python3, Java.
- **Scripting Languages** : PHP, JavaScript
- **Web Technologies** : HTML, CSS2, ReactJS
- **Version Control** : GIT
- **Operating System** : Windows NT, Linux Distributions
- **Methodologies** : Agile, Waterfall
- **Database Technologies** : MySQL, MongoDB
- **Software Development** : Object-Oriented Programming (OOP), Design Patterns
- **IDEs & Tools**: Visual Studio, Apache NetBeans, Eclipse IDE, Android Studio

## Technical Projects:

**Project Name:** Developed a Customised Virtual File System using C

**Technology:** C Programming

**Description:**

- This project provides all functionality to user which is same as Linux File system.
- It provides necessary commands, system call implementations of file system through customised shell.
- In this project we implement all necessary data structures of file system like IncorelNode Table, File Table, UAREA, User File Descriptor table

- Using this project we can use every system level functionality of Linux Operation System on the other operating system platform.
- We provide our own customized shell to interact with customized database management system.

**Project Name: Generic Standard template Library**

**Technology: C++ Programming**

**Description:**

- This project contains generic implementations of all Data Structures (Linear and non-Linear).
- As it contains all the functionality in generic format we can use it for any type of requirement.
- This project contains all the functionality for the primary operations as well as some extra operations which are helpful for development purpose.

**Project Name: Implemented encryption techniques in File Packer project.**

**Technology: Java Programming**

**Description:**

- This project provides the facility of packing and unpacking the regular files.
- In case of packing activity all the data of multiple regular files gets stored in single file with all related metadata.
- In case of unpacking activity the data from the packed file gets extracted in the separate file with all necessary details.
- To maintain the security of the data we provide encryption and decryption techniques.
- We provide Graphical user interface to interact with the application.

**Project Name: Designed a peer-to-peer Chat Messenger application.**

**Technology: Java Programming**

**Description:**

- This project provides the chatting facility for peer to peer communication.
- We use java socket programming to perform the text based chatting.
- We also maintain the log which contains all the chatting details with the periodic fashion.
- This application is platform & architecture independent.

**Personal Information:**

- Date of Birth : 15/02/2002
- Father's Name : Sanjay Baliram Jadhav
- Marital Status : Single
- Nationality : Indian

Karan S. Jadhav