

**Your Name**  
**Your Address in Short**

**Mobile: +91- ----- Email: -----@gmail.com**

**Objective :**

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

**Educational Qualification :**

Standard	Institute	Board / University	Percentage	Class
MCS				
BCS				
HSC				
SSC				

**Highlights:**

- Experience in application development using C, C++, JAVA, Python.
- **Experience in the domain of Linux System Programming using C & C++.**
- **Experience in Low level programming like Kernel Modules and Device Drivers.**
- Experience in Algorithm designing.
- Experience in writing Automation scripts using Python.
- Experience in Mobile Application development in Android using Java & iPhone using Swift.
- Experience in Client side Web development using Angular.
- Experience in Designing Machine Learning applications.
- Experience in Server side web development using Java, Python, C# .net, PHP, NodeJS
- Sound knowledge of operating systems internals.
- Good analytical and problem solving skills.

**Technical Skills :****Programming Languages :**

Procedural language :	C Programming
Object Oriented Programming :	C++ Programming, Python
Virtual Machine based Programming :	Java Programming, C# .Net
Scripting language :	PHP, JavaScript

<b>Web Technologies:</b>	HTML/HTML5, CSS2/CSS3, XML, XHTML, XSLT, JavaScript, JQuery
<b>IDE &amp; Tools:</b>	Visual studio Code, Sublime, Webstorm, IntelliJ
<b>Web Servers:</b>	Apache Tomcat 8.0.22, WebLogic 12.2.1, IBM WebSphere8.5.
<b>Version Control:</b>	GIT, Perforce, CVS, SVN
<b>Database:</b>	PL/SQL(oracle), MySQL, MS SQL
<b>Operating System:</b>	Windows NT, <b>Linux Distributions, UNIX SYS V4</b>
<b>JavaScript Libraries:</b>	JQuery, Angular JS, Bootstrap
<b>Testing techniques :</b>	Unit testing
<b>Methodologies:</b>	Agile, Waterfall
<b>Tools &amp; Technologies:</b>	Angular-CLI, JIRA

### **Domain Knowledge about System Programming :**

- Good analytical and problem solving skills based on File Subsystem.
- Good analytical and problem solving skills based on Process Subsystem.
- Good analytical and problem solving skills based on Memory management policies of Operating systems.
- Knowledge of all kinds of system calls and its corresponding commands.
- Knowledge of all kinds of data structures that can be used by the kernel of an operating system.
- Knowledge of all kinds of algorithms of UNIX operating systems which gets executed when we call the system calls.
- Knowledge of multithreaded system programming application development using pthread library.
- Knowledge of static and dynamic library development on Linux platform.
- Knowledge of Interprocess Communication using IPC SYS V4 techniques.
- Knowledge of writing Kernel Modules and Device driver applications.
- Knowledge of automating the software building procedure using Makefiles.

### **Technical Projects : (Minimum 3)**

**Project Name : Character Device Driver**

**Technology :** Linux System Programming using C

**Description :**

- This project is used to create a working model of character device driver on Linux platform.
- We implement a complete driver model which implements all functionalities to operate the device.
- We implement the low level input output functionality for the device.
- To check the functionality of the device driver we create a client application using C programming.

**Project Name : Duplicate file removal**

**Technology :** Linux System Programming using C

**Description :**

- This project is used to travel complete file system and remove all the duplicate files from it.
- To check whether files are identical or not we use checksum of that file.
- If checksum of files are identical then we delete the files.
- To implement this we use low level system programming approach.

**Project Name : Data Structures library using Shared object**

**Technology :** Linux System Programming using C

**Description :**

- This project is used to implement the all functionalities of data structures.
- We implement the functionality for Linked list, stack, queue and tree.
- To provide the functionality for all the running applications we implement this project as dynamic link library using shared objects.
- Any application can link this library and access the functionality.

**Project Name : File packer Unpacker**

**Technology :** Linux System Programming using C

**Description :**

- This project is used to perform 2 activities as packing and unpacking.
- In case of packing activity we combine all data and meta data of all files into the one file.
- In case of unpacking activity we extract all the data from that file and recreate the new files.

### **Virtual File System :**

**Technology :** C Programming

### Description :

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

### ProcMon

**Technology :** Windows Programming using C

### Description :

- This project is used to retrieve all internal information of running process one windows platform.
- This project maintains log file which contains process name , size of process, DLL attached with the process , its threads.
- This project is used to maintain periodic log for analytical purpose.

### PE File Explorer -

**Institute automation application -**

**Institute Helper portal :**

**Tech Class App**

**C++ Programming**

**PHP programming**

**Angular**

**Android**

### Work history :

(If applicable)

**Experience :** \_\_\_\_ Years

**Company name :** \_\_\_\_\_

**Domain Knowledge :** \_\_\_\_\_

**Responsibilities :** \_\_\_\_\_

### Technical highlights :

- Knowledge of Front end development using Angular 7
- Knowledge of Amazon Web services.
- Knowledge of Firebase with data storage capabilities .
- Expertise in web deployment using Firebase and AWS.
- Knowledge of NodeJS for server side development.
- Knowledge of Unit testing of Angular application.
- Knowledge of Front end development using Material Design ,Bootstrap.
- Knowledge of server side development using NodeJS.
- Knowledge of NoSQL database as MongoDB.

**Git repository of projects :** <https://github.com/torvalds/linux>

**Angular Project :** <http://marvellousbatch2.s3-website.ap-south-1.amazonaws.com>

### Personal Information:

- Date of Birth:
- Father's Name:
- Marital Status:
- Nationality:

The above mentioned information is authentic to the best of my knowledge.

Your Name