

RESUME :

PARUL

H.no: 523

Assawarpur(Village)

Rai(Post)

Sonipat(Dist)

Pin code :131029

CAREER OBJECTIVE :

Seeking a system administrator position in reputed organization which gives me a opportunity to exhibit my technical skills and giving scope for career.

Summary :

- Install Linux based Operating Systems. Fedora, Ubuntu and Debian.
- Inter-Process Communication Concepts: Pipes, FIFO, Message Queues, Shared Memory.
- Setting up synchronization between different processes and threads using Semaphores and Mutex
- Good understanding of Threads, Thread Attribute and Thread Synchronization.
- Good understanding of Process Management.
- Have good understanding of gcc compiler.
- C language
- Linux administrator

Virtualization Technologies

- VMWARE
- Horizon
- Linux KVM

Technical Skills:

- C language
- GDB
- Linux
- Compiler : GCC
- Editor : VIM
- Basic IPC technique : Pipes,FIFO,Message Queues and Shared Memory
- Synchronization Mechanisms : Semaphores,Mute

Networking & Switches

- Cisco Switches
- Checkpoint Firewall

- Network Switches

Training: Emblogic Embedded TecnologiePvt Ltd, Noida

Description PROJECT DONE

- Establish the Client Server Communication using IPC techniques: Description:
- This project is use to establish the connection between requesting client, processing client and the server. The server will accept the request from one of the many requesting clients and will send it to the appropriate processing client, then the processing client will perform the operation and will send back the result to the server and at last the server will send this result to that particular requesting client.
- To establish the connection between server and clients there are some system calls in IPC.
- Pipes & FIFOs: Used to process the requests (addition, subtraction and multiplication operation) of clients using the IPC techniques FIFOs on requesting side and Pipes on the processing side and send back the computed result to the requesting clients.
- Message Queues, Shared Memory and Semaphores: To listen the requests of 32K clients using the message queues on requesting side and shared memory on processing side. Synchronization is achieved by using semaphores.
- Message Queues, Shared Memory, Threads and Semaphores: Able to process the requests 1.29L clients. Server continuously pick up the requests through message queues and create threads. Threads send the requests to processing clients and fetch the result of corresponding requests through shared memory. Synchronization is achieved by using thread semaphore. Skills Used: C, Inter Process Communication, Linux, Shell Scripting, Makefile, RCS tool.

EDUCATIONAL QUALIFICATION :

B.Tech lectronics and Communications Engineering(2018-2021) 67%

12th Non-Medical HBSE(2017) 70.6%

10th HBSE(2015)85%

PERSONAL PROFILE :

Name :PARUL

Father Name : ANIL KUMAR

Gender : Male

Date of Birth : 22-DEC-2000

Marital Status : Single

Email : parulkaushik850@gmail.com

Phone No. :8396093737