**HARSH KUMAR** Email :Harshsaini6061@gmail.com

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# EDUCATION

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|  **Jai Parkash Mukand lal Innovative Engineering and Technology Institute** | Yamunanagar, Haryana |
| Bachelor of Technology in Computer Science  **Scoring 74% / 7.85 CGPA** | **August 2020 - July 2024** |
|  **Saini Sen. Sec. School** | Babain, Haryana |
| Senior Secondary  **Scoring 70% Marks** | **April 2018- May 2019** |
|  **Saini Sen. Sec. School , Babain** | Babain, Haryana |
| Secondary Education  **Scoring 73% marks** | **April 2016- May 2017** |

# SKILLS SUMMARY

* **Languages** : C++,HTML, CSS
* **Operating Systems** : Windows
* **Tools** : MySQL, Excel
* **Platforms** : Visual Studio Code
* **Soft Skills** : Good Observer, Team Management, Decision making, Energetic, Disciplined

# WORK EXPERIENCE

**Network B2B Feasibility and Planning Engineer**

Bharti Airtel Limited ( Sep 2024 - current)

* Currently working as networking feasibility engineer in Airtel.
* Working on MFT and CBFT portals.
* Checking feasibilities of copper and fiber for PAN India for ANG, TNG, LCO and non LCO towns.
* Maintaining the accurate position of FTTB MUX in ICW for Feasibilities accuracy.
* Making Capex as per the distance of mux and manhole in ICW portal.
* Familiar with Inventory Management System (IMS), Smart Pipe and NIG tools.
* Familiar with M6 Metasolv and LEO Order Manager C programming Console for checking Upgradation ,Degradation of Circuits.
* Checking Feasibilities of DSL, ILL, MPLS, Business
* Internet, PRI, SIP, PRI, ILP and Lease line.
* Using F&PT Tool for ANG Town capex.
* Give ON-NET, FTTH, FTTH Capex, IBD and OFFNET Capex as per the need.

# PROJECTS

# Online Book store

○ Successfully launched a fully functional online book store with a robust user interface ○ Created user-friendly and responsive web pages using HTML and CSS.

○ Developed features such as product listings, search functionality, shopping cart, and checkout process.

# Hospital Management System

○ Implemented a hospital management system using linked lists and queue in C++.

○ Developed a modular system utilizing classes and structures, demonstrating strong OOP principles for code organization and reusability.

○ Design and implemented a linked queue data structure to manage patient record.

○ Created input function to capture patient details including name, age, blood group etc.

# Implementation of WAN network using VPN security

○ Designed a Wide Area Network using routers, switches, routing protocols(RIP,OSPF & EIGRP) and cables.

○ Configured VPN settings on routers and firewalls to establish secure tunnels.

○ Successfully established secure communication channels between all sites.

# CERTIFICATES

* **Certified by Indian Institute of Computer Education in C++**
* Successfully implemented various data structures and algorithms to solve problems.
* Acquired Knowledge of Object-Oriented Programming System.
* **Certified by Solitaire Infosys Pvt Ltd in Web Designing**
* Studied the architecture and implementation of VPNs, including IPsec, SSL and remote access VPNs
* Acquired knowledge of IP Addressing including IPv4 and IPv6.
* Explored dynamic and static routing protocols and also Protocols like TCP/IP, UDP , HTTPs, etc.

# ACTIVITES

● **Participation in and Debate Contest**

o I had participated in debate competition organized in our college under "Literary Club" and won "1st position"

● **2nd position in "District level " game**

o I had also participated in "Hand Ball" game at district level and certified with "2nd position"