

# Mohammed Hamza Pathan

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## Objective

To obtain a responsible, rewarding and growth oriented career position in progressive organization where I can grow with the growth of organization which shows my creativity and hardworking nature and where I can fully utilize my knowledge and skills with good learning opportunities.

## Education

### Matrix College

Montreal | Sep 2019 - Present

Computer Sciences Techniques – Software Testing | GPA: 3.7/4.0

Relevant Courses: Introduction to Linux and Unix, Requirements Gathering using Object-Oriented Models, Introduction to Operating Systems (Windows), Algorithms, Professional Communications.

### Charotar University of Science and Technology

Nadiad | Aug 2014 - May 2017

Bachelor of Technology Information Technology | CPI: 6.73/10

Relevant Courses: Data Structures, Cloud Computing, Design and Analysis of Algorithms, Database Management System, Web Technologies, Android, Intelligent Systems, Software Engineering, Java Programming, Mobile Development, Computer Networks.

### Ganpat University of Science and Technology

Mehsana | July 2011 - May 2014

Diploma in Information Technology | CPI: 7.69/10

Relevant Courses: Data Structure Management, C++, Database Management, Visual Basic, Computer Graphics, Data Communication and Network, Java, Wireless Communication, Information Security.

## Skills

**Programming Languages:** Linux Shell Scripting, Python, C++, C, HTML, CSS.

**Technical Proficiencies:** Oracle Virtual Machine, VMware, Active Directory, Shadow Protect, Open DNS, Remote Desktop, Microsoft Office, Familiar with Firewall and Network Security.

## Experience

### Igloal KPO Services LLP | Network Engineer

Ahmedabad | Aug 2017 – Dec 2018

- Responsible for LAN and WAN network operations, systems disaster recovery, database and system
- Backup, and network security.
- As a Network Engineer responsible for maintaining local area network as well as WAN connectivity from our remote datacenter and assuring the network security.
- Responsible for administration of network comprised of more than 150 workstations, help desk, hardware inventory, software inventory, network mapping, equipment purchasing, and software purchasing.
- Analyze the networking need of the business and plan the solution.
- Monitoring bandwidth of datacenter and local network, to maintain the scalability of network.
- Managing network and security using Open DNS, Win box and SOPHOS.
- Diagnose and troubleshoot network problems.
- Manage VMware Hosts.
- Taking care of backup of all the database servers.
- Troubleshoot technical issues of medical software.
- Interact with clients and provide solutions to their operational requirements.
- Ensure clients networks are safe and free of technical problems.

## Project

### **Pin code-based security system**

Arduino/C++

4-bit pin security using RFID reader and RFID card was given using Arduino micro controller.

### **IOT based security system for home automation**

Raspberry Pi/Python

"IoT Based Security System" is a project that enables major security solutions for the house, like entry authorization, trespassing control, motion detection and camera recording, and smart lighting solutions for the house.

## Leadership

### **College Event | Co-Coordinator**

Organized one week event at University Tech Fest 2015 - 2016.

## Certificate

"Software Testing Tools and Quality Assurance" by IEEE.

"Applied CS with Android" organized by Google.