

# 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 | Present

Relevant Courses: Software Testing Tools, Internet fundamentals and scripting, Database Design 1 & 2, C programming, 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, JavaScript, SQL.

**Technical Proficiencies:** Oracle Virtual Machine, VMware, Active Directory, Shadow Protect, Open DNS, Remote Desktop Protocol, Microsoft Office, Familiar with Firewall, Network Security, Selenium Webdriver, Selenium IDE, Jmeter and Katalon Studio. Kali Linux and program within Kali Linux Suite: Metasploit, Nmap, Zenmap, Aircrack-ng, Wireshark, Maltego, Veil-framework, Evil-grade, Reaver, Bettercap, Arpspoof.

**Operating Systems:** Windows, Linux, Kali Linux, Mac, Android, Raspbian.

## Experience

### Igloal KPO Services LLP | Network Engineer

Ahmedabad | Aug 2017 – Dec 2018

- Responsible for LAN and WAN network operations, systems disaster recovery, 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 and taking care of backup of all the systems and 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.

## Certificate

"**NSE 1 Network Security Associate**" by Fortinet.

"**The Threat Landscape**" by Fortinet.

"**Software Testing Tools and Quality Assurance**" by IEEE.

"**Applied CS with Android**" organized by Google.

## Leadership

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

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