**JIGNESH R. PATEL**

E-305, Sun Simpolo, Near Nilkanthvilla Bungalows, Bopal-Shilaj Road, Bopal,380058, Ahmedabad

**Contact:** +91 9898536464; **Email:** Jigneshpatel.ec.er@gmail.com

**PROFILE**

* Qualified B. Tech in Electronics & Communication Engineering from U.V Patel College of Engineering,Ganpat University with an **experience of over 6 years**; **currently spearheading efforts with National Internet Exchange of India as Node Officer** working in network operations and maintenance, also doing **Python Development from TOP Technologies** ,Ahmedabad
* Keen planner with exceptional analytical, problem solving and interpersonal skills. Excellent written and verbal communication skills.

**Technical Key Skills**

**Programming :** Python ,C ,HTML5 ,CSS 3

**Databases :** MYSQL ,SQLITE3

**Protocols & Standards :** TCP/IP and UDP protocols IP routing with static Default , RIP, OSPF, BGP, MPLS,Firewall

**Software :** Wireshark , Kiwi Syslog Demon,BMC Remedy Ticketing Tool

**PROFESSIONAL EXPERIENCE**

**Python Devlopment**

**TOP Technologies , Ahmedabad**

**Key Learning and Experience (AUG-2020 To Till date)**

* Experienced in working with various Python Integrated Development Environments like IDLE,VSCODE,PyCharm,Jupyter nootbook.
* Familiarity with object oriented programming (OOP) concepts using Python.
* Understanding and working with MYSQL, SQLITE3 Databases.
* Building reusable code and libraries for future use.
* Developed Web applications using Django framework Model View Templates(MVT)arctitecture.
* Involved in front-end designing using HTML, CSS, JavaScript, and Bootstrap.
* Understanding with full software development life-cycle (SDLC).

**National Internet Exchange of India**

**Since Dec 2020**

**Node Officer**

**Key Responsibilities**

* Perform necessary routing/switching configuration(IBM root server,cisco3700,Brocade:6430,7750) on networking devices in coordination with NIXI technical teams.
* Analyzing and resolving different routing / peering issues raised by ISPs.
  + 1. Keep the network availability 99.9% as a target by 24\*7 supports.
* Responsible for port upgradation from 1G to 10G,10G to 100G for Network.
* liaise with DC (Data center) provider, new and existing NIXI member ISP/CDN who visit NIXI PoP for new implementation and troubleshooting existing connections at NIXI Internet Exchange.
* superve new connectivities at exchange point, vendors who visit for Installation and commissioning, coordinate with NIXI technical teams for troubleshooting.
* Documentation responsibility related to NIXI IX nodes and operations.
* Business Development Activity for Internet Exchange Business- Meeting ISP (Internet Service Provider) and CDN (Content Delivery Network) on regular basis for business development.To ensure all major ISPs and CDNs in the area are connected with NIXI NOC location.

**BHARTI AIRTEL LTD**

**Jul 2016-Dec 2020**

**NMT Engineer**

**Key Responsibilities**

* Handling intracity maintenance and configuration for core, aggregator & access router like Huawei Router -ATN 950B, ATN 910B, ATN910C, CX600-X2, CX600-X3, CX600-X8.
* Installing and carrying out basic configuration of 1841, 2811,1941,2921,2951 ASR901,ASR9000 & Switches 4510R-E,7604,2950, 2960, 3550 ,3750,Nexus 3048 and maintenance at Airtel MSC.
* Maintaining repeater sites infrastructure alarms, maintaining at repeater sites GPON, DWDM, Router, Switches and H2000/CEN NMS and TEJAS NMS.
* Configuration and troubleshooting Tejas Networks Multiplexer (TJ1400, TJ1600, TJ100ME, TJ100CPE, TJ100MC1, TJ1310)
* Responsible for I&C, NI & AT Clearance for new Router & Multiplexer for DLC,FTTB & Mobility sites.
* Responsible for Ring Upgradation from 1G to 10G,10G to 100G for access and core Network.
* BMC Remedy tool used for different purposes incidence Open/ close Ticket within SLA.
* Troubleshooting & providing resolution of customers end devices with coordination of Network operation canter (NOC ) & Field Engineers to restore outages within SLA.
* Maintaining various MIS reports for day to day activities including Network performance KPIs & SLAs, incidents, changes In NMS and Remedy tool
* Coordinating with vendors for all installations at new site,Ensuring complete coordination with FRT team for Intracity Fiber maintenance.

**ACCORD SYNERGY PVT LTD Jul 2015-Jul 2016**

**Project Engineer**

**Client: Bharti Airtel Ltd.**

**Key Responsibilities**

* Handled, designed and maintained IT Infrastructure (LAN/WAN) with Windows Server 2003 Enterprise edition & diverse range of hardware including hubs, switches, ADSL & communication lines
* Responsible for 1 BSC and 124 BTS site for Bharti Airtel 2G,3G,4G Network in Ahmedabad East location
* Installed, configured and maintained Mail Server, Antivirus, Outlook Express, MS Outlook and Local and Network Printers and Quick Heal Total Security
* Accountable for overall security of the network and regular backups
* Designed engineering activities to maximize network capacity while troubleshooting problems pertaining to performance tuning, network administration, application conflicts and system bug
* Resolved problems pertaining to software and hardware related issues throughout the network
* Planned, scheduled and coordinated activities related to Project Execution
* Commissioned, integrated and troubleshoot of NSN flexi edge, ultra-site, ultra mini and metro BTS, and Transmission like as FIU19, Tejas-MUX, CERAGON, FHY IDU and FXC RRI, FIFA, FIPA, BOIA Card

**EVOLVE TECHNOLOGIES & SERVICES PVT LTD Mar 2015-Jul 2015**

**BSS Engineer**

**Client: Aircel**

**Key Responsibilities**

* Working Knowledge of ZTE SDR 8800,8900,8112 BTS,BBU Unit.
* Responsible for BSS operation and maintenance.
* Operate Fault Management & Performance Management in ZTE OMCR.
* Integration, configuration, commissioning and ACCEPTANCE TEST of ZTE BTS BSC.
* Checking daily KPI REPORT and Resolve the Network problem.
* Keep the network availability 99.9% as a target by 24\*7 supports.

**ACCORD SYNERGY PVT LTD Aug 2014-Mar 2015**

**Field Network Engineer**

**Client: Bharti Airtel Ltd**

**EDUCATION**

* B. Tech in Electronics & Communications Engineering, 2014 from U.V Patel College of Engineering, Ganpat University, CGPA 7.03
* Diploma in Electronics & Communications Engineering, 2011 from SarvodayaPolytechnic, Gujarat Technological University, CGPA 7.74
* Class X, 2008 from P.P Patel High School, Chanasma

**TRAININGS ATTENDED**

* CCNA Training (Routing & Switching) from Attila Technologies, Ahmedabad
* Doordarshan Kendra, (Ahmedabad) on Fundamental of Transmission and Broadcasting (June-July 2011)
* Bharti Airtel Limited on Fundamental of Telecommunication (January-May 2014)

**EXTRA CURRICULAR ACCOLADES**

* Credentials of achieving First Rank at state level TECH FEST-2011
* Participated in
* Poster Presentation in Saffrony Engineering & Technology College for Outdoor Broadcasting van
* Robo-Race event in a state level techhunt-2010 (C.U. Shah Govt.College) in Surendranagar
* Project Presentation AVISHKAR-09 at C.U. Shah College of Engineering & Technology, Surendranagar
* Workshop on PCB DESIGN at Convergence-2013 in Ganpat University

**PERSONAL DETAILS**

**Date of Birth**: 3rd Aug, 1993

**Languages:** English, Hindi and Gujarati