

# Faisal Ali

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## EXPERIENCE

### Bharti Airtel — Executive(IP/MPLS Testing & Automation)

July 2018 - PRESENT

- Working in a Network Automation group.
- Writing scripts and building tools on Python for reducing manual tasks on network devices from CISCO, Juniper & Huawei.
- Developed scripts for generation of router configuration and auto provisioning of the same on devices.
- Developed models for checking ping, protocol, policy, access lists and snmp for routers.
- Developed tool for comparing the variations between primary/secondary router configurations.
- Developed tool for triggering specific commands on routers and fetching and analyzing the output.
- Developing a Django based web app for integration of multiple network scripts at single location.

### Bharti Airtel — Executive(Service Quality)

January 2017 - June 2018

- Worked in the Networks Team of Optical Transmission Network.
- Took care of acceptance testing of network devices.
- Ensured diversity of mobility circuits to avoid BSC isolations.
- Fault management and troubleshooting in NMS.

### Bharti Airtel — Graduate Engineer Trainee

August 2016 - December 2016

- Visiting various departments throughout Airtel.
- Learning various technologies being used in networks.

## EDUCATION

### Hindustan College of Science & Technology— B.Tech (Electronics & Communication)

August 2012 - July 2016

- Aggregate Marks: 72.06%

## SKILLS

Python

IP & Transmission Networks

Data Structures

Algorithms

PostgreSQL

Java

Git

Django

HTML

CSS

Bootstrap

## CERTIFICATION

[PCEP-30-01] PCEP – Certified  
Entry-Level Python Programmer

Credential ID: [kCSA.zDMX.VUdn](https://kCSA.zDMX.VUdn)

## AWARDS

Alive Value Award  
Bharti Airtel

Inclusive Value Award  
Bharti Airtel

## PUBLICATION

Design and Analysis of Low Pass  
Elliptic Filter

August, 2016 - [IEEE](https://ieeexplore.ieee.org/document/7544444)