

Sohil Ladhani

WORK EXPERIENCE

JULY 2017 – PRESENT

Cisco Systems, Bengaluru

Network Consulting Engineer

Responsible for analyzing potential issues in the customer network and suggesting proactive countermeasures to avoid them. Part of Request Tracker Dev team - contributed towards the backend of the web tool using Python.

JANUARY 2017 – JUNE 2017

Cisco Systems, Bengaluru

Software Engineering Intern

Co-developed a module within Cisco IOS-XE stack, which was responsible for capturing and replaying database configuration of a real Cisco Catalyst switch onto a host environment to perform white-box testing.

Used Simple API for XML (SAX) in C language to parse the switch configurations.

AUGUST 2015 – NOVEMBER 2016

BITS Pilani, Hyderabad Campus

Teaching Assistant

Helped professor in examination paper correction and assignment evaluation for the courses taught under Work Integrated Learning Programmes (WILP), a distance-learning program conducted by BITS Campuses for working professionals.

AUGUST 2013 – OCTOBER 2014

Thomson Reuters India Private Limited

Associate Software Engineer

Served as a developer for a tax preparation and filing software.

Was also a part of the build team - automated the software build process and made it take 30% less time.

CERTIFICATIONS

Cisco Certified Network Associate (CCNA)

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EDUCATION

2015 – 2017 **Master of Engineering**
COMPUTER SCIENCE
BITS Pilani, Hyderabad Campus
2009 – 2013 **Bachelor of Engineering**
COMPUTER ENGINEERING
Gujarat Technological University

PROJECTS

2017 **Brainf**k-Interpreter**
(<https://github.com/sohilladhani/bf>)
Web-based interpreter for brainf**k language developed in Python
2016 **Information-Retrieval-System**
([github/sohilladhani/IRS](https://github.com/sohilladhani/IRS))
The system uses NLP package (nltk) to create a basic search engine
2015 **Wireless-SDN**
(<https://github.com/sohilladhani/WSDN>)
Wireless SDN analysis using custom SDN controller modules

OPENSOURCE CONTRIBUTIONS

2017 **Viper-GT-Stereoscopic**
(<https://github.com/sohilladhani/VGS>)
Extension of Viper GT toolkit to support stereoscopic videos
2016 **YANC-SDN-Controller**
(<https://github.com/sohilladhani/yanc>)
Submitted patch to YANC to support Openflow 1.1

SOFTWARE SKILLS

LANGUAGES	C, C++, Java, Python, Bash
TOOLS	Git, GDB, Valgrind, Splunk, Packet Tracer
LIBRARIES	NLTK, CherryPy, Django, StAX, Pickle, SAX, Pip