

# Shuaib Munshi

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## EDUCATION

### CARLETON UNIVERSITY

Ottawa, Ontario

BACHELOR OF INFORMATION TECHNOLOGY

- NETWORKING CANARY

2016 - 2020

### ALGONQUIN COLLEGE

Ottawa, Ontario

COMPUTER ENGINEERING TECHNOLOGY

- NETWORKING

2016 - 2020

## LINKS

Github:// [shuaibmunshi](#)

Linkedin:// [shuaib-munshi](#)

## SKILLS

### SYSTEMS

Linux (Ubuntu, CentOS) • Git • LXC

GitLab CI/CD • Ansible • Docker

Kubernetes • Proxmox • VMware

Jenkins • Jira • GitHub Actions

### PROGRAMMING

Python • Flask • C++ • Asterisk • Java

### NETWORKING

OSPFv2/v3 • EIGRP • BGP • STP

MPLS (LDP/RSVP) • UFW/iptables

### CLOUD

Digitalocean • GCP • AWS • GKE

## EXPERIENCE

### TELUS | TECHNOLOGY SPECIALIST

June 2020 - Present | Montreal, QC

- Contributed LTE and HSPA service modelling code for an internal RAN deployment automation project written in Python
- Developed a Flask POST REST endpoint for managing device configuration objects and storing them as artifacts in GitLab using the GitLab API
- Wrote a Python script to automate the setup of a new developer laptop by installing required software, setting required environment variables and rendering a fully configured remote development environment using the VSCode Remote - Containers addon and Docker-compose with an example Flask API project

### TACTICAL TECHNOLOGIES INC. | DEVOPS SPECIALIST

May 2019 - August 2019 | Ottawa, ON

- Developed a multi-threaded Python-based CLI application for automating the testing of the company's software, gathering system performance data over the course of the batch tests and collating the test results and performance metrics into easily readable reports (work artifacts)
- Aided in the development team's migration from SVN to Git by testing Git integration with Matlab/Simulink Projects, writing procedural documentation for using Git with Simulink and developing a Git merge strategy based on Gitflow which took into account the large binary files generated by Simulink
- Built a Jenkins pipeline using Groovy to automate running Matlab unit tests using a distributed Jenkins architecture and collating results from agent nodes in a single report

### CANADIAN CYBER INCIDENT RESPONSE CENTRE (CCIRC)

| CYBER SYSTEMS SPECIALIST

May 2018 - August 2018 | Ottawa, ON

- Performed active network and host vulnerability scans using Tenable Nessus
- Automated the generation of vulnerable system action item tickets (GitLab tickets with rich text formatting) using MYSQL and Python (using the Pandas data-science Python library)
- Automated Linux server host based UFW firewall deployment using Ansible
- Wrote a Python script to generate the Ansible YAML configuration files to assign each server's UFW firewall rules

### IPFINITY INC. | TECHNICAL SUPPORT SPECIALIST

April 2013 - September 2016 | Toronto, ON

- Designed, programmed, tested and deployed custom telephone PBX systems based on customer specifications using Digium Asterisk
- Performed routing system administration tasks necessary to maintain a cloud-based Linux environment such as server hardening (Fail2Ban), software installation and updating and configuring user roles and credentials
- Troubleshoot customer VoIP and Internet connectivity issues using a combination of syslog messages and real-time tools like MTR and tcpdump
- Coordinated the turn-up process with customers to ensure a smooth cut-over as well as made the back-end changes necessary for porting customer DID's

## EXTRA-CURRICULAR EXPERIENCE

2020	Certification	<b>CENGN Docker &amp; Kubernetes Level 1</b>
2019	2 <sup>nd</sup> Place	Magnet Forensics CTF Ottawa
2018	2 <sup>nd</sup> Place	CyberSCI-Cyber Security Challenge Ottawa