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## **Android Developer (Full Stack DevOps Software Engineer)**

Highly motivated software engineer addicted to heavy complexity, massive scale, and microscopic details. Transitioning my systems and networking skills to Android while helping you exceed goals and break records.

**If you love what you do then I'd love to hear from you!**

### **Toolkit**

**Languages** Python, Java, Javascript, Web Suite  
**Frameworks** Android, Ansible, AWX, Django, Flask  
**Stacks** LAMP, MEAN, React/Flask, Cloud  
**Databases** MySQL, MongoDB, DynamoDB  
**Modeling** JSON, YAML, XML, Jinja, Pugs, TextFSM  
**Cloud** OpenStack, Google Cloud, AWS & CDK  
**Linux** RHEL, Fedora, Centos  
Ubuntu, Raspbian, Debian, Android  
**Networking** Cisco (IOS/NXOS/IOS-XR), Nokia (SROS)

### **Education**

#### **Bachelor in Computer Science, 2017**

Western Washington University, Bellingham, WA

Elective Work: Android Development, Embedded Systems, Linear Optimization, Machine Learning

### **Certifications**

#### **Cisco Certified Network Associate, 2020**

Attained my CCNA to expand my Computer Science fundamentals while gaining invaluable skills to leverage in large scale, multi-vendor networking projects in my automation role at T-Mobile and beyond.

### **Experience**

**Systems Development Engineer; New Region Deployment, Amazon Web Services; November 2021 -** Responsible for improving the overall process of new region and availability zone deployments. Improved, deployed and maintained large scale services and pipelines related to full topology validation and reporting.

**Software Engineer, Web Development; Automation Gateway, Itential; January 2021 - November 2021** Created and refactored multiple network automation oriented features, enhanced and expanded software tests and pipelines, and assisted with proof of concept integrations for customer-facing teams.

- Developed low level network automation features from HTTP/REST requests to content syncing via Git.
- Leveraged connectivity libraries to increase the number of supported CLI devices by over 60.
- Reduced development pipeline runs from 15 minutes to 4, deployment from 35 minutes to 5.
- Containerized the web application for customers reducing deployment time and complexity many fold.

**Associate Engineer, Systems Architecture; IP Automation, T-Mobile; 2018 March - January 2021**

Developed and deployed a wide range of servers, web apps and networking automations for a fast paced automation team with customers ranging from core network infrastructure to transport.

- Created idempotent Ansible/Openstack deployment pipelines for RHEL/CentOS virtual machines and the internal Django/Python tool sites that laid on top of them which vastly reduced TTM for new apps.
- Partnered with principal and senior network engineers to create multi-vendor networking reports, audits, remediations, configuration updates and other "Playbooks as a Service".
- Most proud of: The successful development and deployment of scripting to safely migrate over 2,000 Cisco/ALU clients to new BGP route reflector mesh topologies (Python, TextFSM, Ansible, Tower).

Ask about my side project **BizBuddy**; BaseByDottie's web presence and invoice builder deployed on GCP!

References available upon request