

Ryan Erickson ryansip.com
(425) 298 - 6337 github.com/epryan
ryan@ryansip.com linkedin.com/in/epryan

Software Engineer (Full Stack DevOps in Systems & Networking)

Highly motivated engineer addicted to heavy complexity, massive scale, and microscopic details.
SME in Linux, Ansible, Django, multi-vendor networking with interests in business analysis and management.
Hard working team player looking to utilize his full potential 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, Javascript, Web (MEAN/LAMP)
Frameworks Ansible, Tower, Django, Express, Apache
Databases MySQL, MongoDB
Modeling JSON, YAML, XML, Jinja, Pugs
Networking Cisco (IOS/NXOS/IOS-XR), Nokia (SROS)
Cloud OpenStack, Google Cloud
Linux RHEL, Fedora, Centos
Ubuntu, Raspbian, Debian, Android

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 more readily tackle the complicated, large scale, multi-vendor networking projects in my automation role at T-Mobile.

Experience

Associate Engineer, Systems Architecture; IP Automation, T-Mobile, March 2018 - Present

Previously: Mobile Expert, Retail CSR, T-Mobile, 2013 - 2018

Responsible for developing and deploying a wide range of servers, web apps and networking automations for an incredibly 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 many principal and senior network engineers to create multiple 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).

Mobile Developer (R&D, Prototyping), Projul, July 2018 - December 2018

Volunteered time to a friend's passion project: simplifying & automating tasks for construction admins.
Created designs and prototypes for a React Native Android/IOS application to match their React website.

Freelance Developer, Base By Dottie, July 2017 - July 2018

BizBuddy BaseByDottie's web presence for customers and business administration portal for employees. The customer required a clean, nontechnical interface on mobile and desktop with secure login capabilities. Reduced invoicing costs from \$10/mo to \$2/mo including data store and analytics. Dropped invoice generation time from 5 min to 1 min. Deployed to Google Cloud as a containerized node/express app.