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**Ryan Erickson**

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## Software Engineer, Computer Scientist

### esp. DevOps, Clouds, Systems and Networking (CCNA '20)

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**Ryan** is a highly motivated engineer with a proven track record of performance in systems of heavy complexity, massive scale and critical yet microscopic details. His current mission is to find a way to make millions while sleeping, but in the meantime he would love to help you raise the bar and break records in your organization with his Just Do It attitude and Senior Python DevOps background. **If you and your team love what you do, then i'd love to hear from you!**

#### EXPERIENCE

##### **Amazon Web Services, Seattle, WA** – *Systems Development Engineer*

NOVEMBER 2021 – MAY 2022

- Improved and maintained pipelines and services which deployed new regions and availability zones across varied public and private compute sectors.
- Developed a cloud-first service for procuring metrics data and insights which self deployed via internal pipeline tools and the public CDK.

##### **Itential, Atlanta, GA via Mercer Island, WA** – *Software Engineer*

JANUARY 2021 – NOVEMBER 2021, JULY 2022 – OCTOBER 2022

- Aligned the end to end customer installation experience, including refactoring the app & docs and developing containerized deployments.
- Increased CLI device support from LT 10 via Ansible to GT 75 w/Netmiko.
- Maintained, optimized dev and deploy pipelines (15 min to 4, 35 to 5).

##### **T-Mobile, Bellevue, WA** – *Associate Systems Architecture Engineer*

MARCH 2018 – JANUARY 2021

- Created a pipeline for the internal Python (Django) Network Automation Tool Site saving 1-2 hours of developer time per deployment (~1 day/wk).
- Partnered with senior+ engineers to create automated multi-vendor device reports, security+ remediations, config updates, and service templates.
- Developed and deployed over 2k Cisco & ALU client migrations across BGP route reflector topologies using Python, TextFSM, Ansible and AWX/Tower.

#### EDUCATION

##### **Western Washington University** – *Bachelor of Computer Science*

2017, Bellingham, WA