Ian Hundere

DevOps | SRE | Cloud | Platform
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Summary

I'm an enthusiastic problem solver with years of experience working with developers, IaaS (AWS), and multiple data sources to produce highly integrated solutions. Well experienced with version control, tool selection, and pipeline building. I have built several full-stack and front-end applications using Node.js, React, Express.js, MongoDB, and Tone.js. Personal projects include self-hosting a variety of applications via a K3s Raspberry PI cluster, a variety of Python scripts and configuring an advanced home automation network with open source tools.

Skills

AWS, Kubernetes, Terraform, Docker, Ansible, Linux, Bash, Python, Git, Packer, Vagrant, Datadog, New Relic, Zabbix, Sumo Logic, Prometheus, Grafana, Helm, Consul, Vault, Flux, ArgoCD, Gitlab CI, CircleCI, PostgreSQL, and MongoDB

Experience

Cloud Infrastructure Engineer II | Revel Systems | Atlanta, GA   November 2020 – Present
- Lead effort to improve developer velocity by creating Datadog Terraform modules specific to the resource being monitored (e.g. EKS, ECS, EC2, RDS etc.) using the Datadog provider (i.e. terraforming monitors/dashboards)
- Rebuild GitLab Runner EKS cluster by improving its IAC, availability and disaster recovery through automation
- Developed a functional CLI bash script used by the entire team to do a variety of infrastructure related tasks such as securely accessing RDS using IAM authentication against multiple environments with flags like listing long running queries, schemas, users and more
- Build Ansible playbooks; for instance, to configure database access based on PCI requirements
- Mentor a junior engineer through regular check-ins, having postmortems surrounding their actions, and asking purposeful questions to further their understanding

DevOps Engineer | Artis Technologies, LLC | Atlanta, GA   February 2020 – October 2020
- Configure and maintain EKS clusters for multiple deployments
- Automate tasks with bash scripts, Kubernetes Jobs, Kubernetes CronJobs, and AWS Lambda functions
- Install, configure, and maintain Sumo Logic, Datadog, CloudWatch and New Relic to monitor site reliability, durability, integrity and confidentiality
- Implement CI/CD pipelines using CircleCI
- Performance tune pipelines to decrease deployment times by 60%

Software Engineer, DevOps & Training Platforms | Itential, LLC | Atlanta, GA   January 2019 – February 2020
- Configure and automate Itential's learning environment (used by internal employees and external customers) using Ansible and Docker
- Improve the launch time of lab containers by 30%
- Create RESTful APIs using Express and Puppeteer to automate CRUD operations (e.g. student enrollment/unenrollment; brittle, not a good idea)
- Install and configure openLDAP, Netbox, Zabbix and Grafana

Academic Technology Coach | Northside Independent School District | San Antonio, TX   July 2016 – June 2018
- Create and teach a variety of professional development to improve teachers' instruction efficacy at 7 campuses

Teacher, 4th and 5th grade | Pflugerville Independent School District | Austin, TX   August 2013 – June 2016
- Utilize diverse teaching strategies to effectively address each student's learning style and ability

Product Specialist Support | Apple Inc. | Austin, TX   September 2007 – August 2012
- Assist a number of companies (e.g. OfficeMax, Best Buy, etc.) with their support of Apple products

Education

DigitalCrafts | *Full-Stack Web Development* | Atlanta, GA   September 2018 – January 2019
Texas State University | *Master in Education* | San Marcos, TX   August 2010 – December 2012
University of Victoria | *B.A. in History* | Victoria, B.C., Canada   September 2002 – August 2007