KYLE BRIEDEN

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Professional Summary

Experienced Staff Systems Engineer with a demonstrated history in DevOps technologies such as Kubernetes, Docker, Ansible, GitHub Actions, and Terraform. Skilled in modernizing application deployment strategies and strongly believe in the "cattle not pets" school of thought with infrastructure. Seeking to grow skills in production engineering and help bring companies into modern production practices.

Experience

- **Consultant: July 2023-Current**
  Breco Tech, LLC—Atlanta, GA

  - Private Consulting LLC to grow skills otherwise missing from my day job
  - AWS operations for startups looking to scale quickly by implementing container-based deployments early in software development
  - Implementing Prometheus and Loki based monitoring and log aggregation
  - Build out dashboarding via Grafana

- **Staff Systems Engineer: June 2021-Current**
  The Home Depot—Atlanta, GA

  - Built out new Kubernetes-based on-prem production app environment for THD App Teams which includes out of the box metrics and logging, alerting, and integration with other THD Enterprise services such as Artifactory to allow app teams to focus on their apps rather than supporting functions
  - Infrastructure to support the on-prem environment is deployed into various GCP services
  - Assisted in developing a custom Terraform provider and custom code in GoLang, Python, and Bash in support of the new on-prem platform
  - Supported sunsetting of legacy platforms such as Pivotal Cloud Foundry foundations and Hadoop clusters
  - Day to day team leadership roles such as backlog grooming, sprint planning, quarterly team objective setting, and team building activities
  - On-Call rotation to respond to business-impacting events as quckly as possible
  - White-glove customer service to support THD app teams on our platforms

- **Senior Systems Engineer: December 2017-May 2021**
  Riot Games—St. Louis, MO

  - Replaced manual build pipeline with Jenkins and AWS-based CI/CD pipelines for the game Legends of Runeterra (LoR)
  - Support day to day operations of LoR as part of the Production Engineering group, as well as automate tasks where able
  - Discovered and removed just over $400,000/yr of unnecessary AWS spend
  - Previous roles at Riot: Infrastructure Platform - Datacenter, Player Platform - Accounts

- **Analyst 2 - Linux Automation: September 2016-December 2017**
  Macy's Systems & Technology—Johns Creek, GA

  - Developed automation to deliver prototyping environments for internal customers more quickly via Puppet and vSphere
  - Provide day to day operational support for Macy's infrastructure at large
  - Linux Automation

- **DevOps Engineer: June 2016-September 2016**
  Kickboard For Schools—New Orleans, LA

  - Helped develop foundation for growth of platform from startup to established product
  - Provide team with Systems Engineering experience and knowledge
  - DevOps Engineer - Remote - Contract

- **Operations Engineer: June 2014-April 2016**
  WP Engine—Austin, TX

  - Responsible for farm-wide monitoring and first response to assist Systems Engineering team
  - Production farm maintenance, deploying updates, and assisting support staff when needed
  - Operations Center - Third Shift

- **Linux Administrator II: December 2012-June 2014**
  Rackspace—San Antonio, TX

  - Linux Subject Matter Expert (SME) for Rackspace's most strategic accounts, including Electronic Arts
  - Provided chat and phone support, as well as ticket work for SMB customers from $15 per month up to $10,000 per month in prior role
  - Previous role at Rackspace: Linux Administrator I - Small to Medium Businesses (SMB) Support
  - Critial Accounts - Enterprise Support

Related Experience

- I maintain a small home lab that includes a Proxmox hypervisor, PiHole DNS Ad Blocking, Wireguard VPN server, Raspberry Pi-based Kubernetes cluster, as well as other services and personal programming projects.
- I quickly prototyped a small web app to replace the paper bid sheets for a silent auction for the nonprofit my wife works for.
- I quickly moved from L3 support to start the Systems Operations Center (SOC) team to provide 3rd shift Systems Operations and Engineering coverage. This team quickly grew from only myself to 4 members providing 7-night per week coverage while the company was in its rapid growth phase.
- At Rackspace, I was a member of a community support effort engaging customers via community forums in addition to my front line support role.
- Amateur Radio Operator - KF5MWZ, General Class
- I wrote this resume in LaTeX.

Education

- **Telecommunications Engineering Technology**
  Texas A&M University—College Station, TX