KYLE BRIEDEN

672 Georgia Way, Woodstock, GA 30188   *(979) 575-9459; kyle@brieden.org*

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.

Skills

- **Operating Systems:** Linux (Amazon Linux, Ubuntu, ArchLinux, CentOS), as well as current Windows and MacOS versions.

- **Automation Technologies:**
  - Ansible, Salt Stack, GitHub Actions, Docker, Terraform, Jenkins, Packer

- **Linux Technologies:**
  - Nginx, MySQL, PHP-FPM, git, NFS, OpenSSL, OpenVPN, Wireguard OpenSSH

- **Cloud Technologies:**
  - Cloud Providers: AWS, GCP
  - Hypervisors: VMware, Proxmox, KVM

- **Monitoring Technologies:**
  - Grafana, Prometheus, New Relic

- **Languages:**
  - Able to work in GoLang, Python, Bash, LaTeX

Experience

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

  - Private Consulting LLC to work grow skills otherwise missing from day job
  - Supporting AWS operations for startups looking to scale quickly by implementing container-based deployments early in software development

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

  - Developer Operations and Platform Engineering Staff Engineer
  - Built out new Kubernetes-based on-prem production app environment for THD App Teams
  - Supported sunsetting of legacy platforms such as Pivotal Cloud Foundry foundations and Hadoop clusters

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

  - Modernized build pipeline 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
  - 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
  - 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, rolling out updates, and assisting support staff when needed
  - Previous role at WP Engine: Customer Support - Level 3
  - 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

- **Student Worker-BVCNet Admin: June 2011-December 2011**
  TAMU Telecommunications Academy—College Station, TX

  - Developed, planned, and began deploying multiple public access computer labs around Bryan and College Station, TX
  - Developed a roaming profile-like system so patrons could log in at any lab and have their own desktop
  - Semester long position

- **Student Worker-Testing Assistant: September 2010-May 2011**
  TAMU Cisco Lab—College Station, TX

  - Tested networking products for Cisco Systems under professor Sejun Song at TAMU
  - Semester long position

Related Experience

- Prompted by a grueling on call schedule that burned out numerous Systems Engineers at WP Engine, I started the Systems Operations Center (SOC) team to provided 3rd shift Systems Operations and Engineering coverage.
- At Rackspace, I was a member of a community support effort engaging customers via community forums in addition to my front line support role.
- 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.
- Amateur Radio Operator - KF5MWZ, General Class

Education

- **Telecommunications Engineering Technology**
  Texas A&M University—College Station, TX
- Member of the Corps of Cadets, Company K-2, four years
- Member of the 2008 National Champion Texas A&M Fish Drill Team
- Planned and executed an outfit reunion and Parent's Weekend banquet for +150 people with very limited assistance from underclassmen and peers
- Member of TAULUG - Texas A&M UNIX Linux Users Group
- Helped execute CCDC - Collegiate Cyber Defense Competition - as a member of the planning and execution "Gold Team"