

Jason Slay

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Skills / Certifications / Awards

Languages: Python, Bash, C/C++, Terraform, YAML

Clouds: AWS, GCP, Azure

Technologies: Kubernetes, Istio, FastAPI/Flask, Django, Celery

DB: PostgreSQL, DynamoDB, MySQL, Redis

OS: Linux (all flavors), macOS, Windows

CI/CD: CircleCI, GitHub Actions, Jenkins, Drone, ArgoCD

Certified Kubernetes Administrator (CKA) - Mar 2024

Certified Ethical Hacker (CEH) - Dec 2017

Eagle Scout (Boy Scouts of America) - Oct 2001

Relevant Professional Experience

Tackle.io (Remote) Sep 2020 - Oct 2023

Director of CloudOps

- Built DevOps and SRE organization from the ground up: recruiting, interviewing, hiring, training, and developing engineers
- Enabled development teams to do more with less cognitive load thanks to the culture of security and best practices through automation
- Shifted from a culture of manual operation to source-controlled IaC
- Brought observability and reliability to many development teams
- Led the team's development of the Internal Development platform which allowed moving from DevOps-as-a-service to X-as-a-service provided by the DevOps team.
- Launched many new policies that are now part of the audit process

Postmates (Remote) Oct 2019 - Jul 2020

Sr. Software Engineer (SRE)

- Built GCP PostgreSQL stack with considerations for HA, failover, and continuous replication from RDS until the cutover event
- Implemented GKE K8s / IAM group policy structure for replicating organizational groups from Google into K8s namespaces with appropriate restrictions for production environments
- Member of production on-call rotation for the infrastructure team
- Piloted and standardized incident response and retrospective process
- Infrastructure as code (IaC) for both K8s associated resources
- Implemented monitoring/alerting for both new and legacy systems

Kapost (Boulder, CO) Jun 2017 - Oct 2019

Director of Operations & Security

- Managed DevOps team that maintained all CI/CD pipelines and operational infrastructure
- Containerized application stack for testing and local development
- Pioneered adoption of Kubernetes as a core technology to achieve availability and portability requirements due to acquisition
- Hardened entire infrastructure and added security alerting
- Owned and improved information security policies
- Primary SME for all security and privacy questions/concerns
- Created tooling to facilitate auditing and alerting of systems
- Led security & privacy awareness training for over 100 employees

UtilityAPI (Remote) Oct 2015 - Jun 2017

Sr. DevOps Engineer

- Designed and deployed an automated test environment that became heavily utilized for integration tests and pre-production validation
- Brought visibility to our security and reliability to enable measurable improvements to both
- As a full-stack developer, I became proficient in Python and Django while automating all aspects of application and infrastructure maintenance
- Created and maintained a containerized deployment pipeline

Other Professional Experience

Time Warner Cable (Broomfield, CO) 2015

Software Engineer (Dev/Test)

- Created an automated test suite that significantly reduced MTTD
- Helped triage and fix platform issues during integration activities

Raytheon II&S (Aurora, CO) 2012-2015

Sr. Software Test Engineer

- Authored numerous tests for formal qualification of GPS-OCX
- Automated execution of a test suite previously performed manually

Lockheed Martin Aeronautics (Fort Worth, TX) 2009-2012

Sr. Systems Integration & Test Engineer

- Broad exposure to all systems on the F-35 as a test engineer
- Designed, verified, and operated a world-class demonstration facility

Education

Texas Tech University (Lubbock, TX)

- M.S. Electrical Engineering (4.0 GPA) - Dec 2008
- B.S. Electrical Engineering (3.75 GPA) - May 2007

Technical University of Denmark (Kongens Lyngby, DK)

- M.S. Electrical Engineering - Aug 2008