Jack Kingsman

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GitHub • LinkedIn

Experience

Senior Site Reliability Engineer, Atlassian (acquired Chartio in 2021)
San Francisco & Seattle
2021 - present

• Integration of private cloud infrastructure and Docker conversion with Atlassian PaaS upon acquisition
• Responsible for multi-team operational posture, including operational reviews, on-call and incident response team leadership and training, and senior leadership comms around stability, SLOs, and cost optimization
• Architected and delivered complex, multi-quarter FedRAMP compliance lift in vulnerability management, deployment, and information isolation systems, including FIPS-compliant codebase migration and build management
• Defined security posture and audit standards for multi-architecture cloud services, including high security direct-to-customer database connections
• Tech stack: AWS (RDS/Postgres, ElastiCache, EC2, DynamoDB, Lambda, CloudFront, S3), Docker Compose, Python, Bash, Django Rest Framework, Javascript/React, Java Spring Boot, SQLite, Splunk, DataBricks, Sentry

Site Reliability Engineer & Development Engineer, Chartio
San Francisco
2017 -2021

• Operational owner of all AWS ElastiCache, DynamoDB, RDS, EC2, and Lambda infrastructure for Chartio
• Co-lead greenfield migration of all compute, serverless, and network components to IaC via Terraform, enabling autoscaling and reducing costs
• Assisted in architecting SOC2 & HIPAA compliance procedures and auditing frameworks, leading to exceptionless SOC2 reporting since inception
• DevOps improvements for more robust pre-release testing and deployment via Jenkins and AWS CodeDeploy
• Tech stack: AWS (RDS/Postgres, ElastiCache, EC2, DynamoDB, Lambda, CloudFront, S3, WAF), Python, Bash, Django Rest Framework, Javascript/React/Redux, Java, SQLite, DataDog

Systems Engineering Intern, Facebook
Menlo Park
Summers 2016 - 2017

• Designed and implemented improvements for out of band management and fleet-wide server monitoring
• Architected updated bootstrap RAMdisk system for boot-time provisioning
• Defined approach and proof-of-concept for CentOS 7 upgrade
• Tech stack: CentOS Linux, PHP, pre-boot RAMDisk environments, Dracut

Development Engineering Intern, Datastax
Santa Clara
2015 - 2016

• Developed and integrated new reporting and alerts functionality within Cassandra management platform
• Architecture and implementation of an SNMP management system, including interface design, packet crafting, and OID reservation
• Retained for part time development work on centralized usage and bulk metrics data collation system
• Tech stack: Python, Twisted, PostgreSQL, Cassandra

IT Intern & Development Engineering Intern, Cobaltix
Santa Clara
Summers 2010-2014, FTE 2012-2013

• Full stack architecture and LAMP-stack administration for large-scale corporate web applications
• Tech stack: CentOS Linux, Apache, PHP, MySQL, Laravel, Drupal, Javascript

Education & Certifications

Santa Clara University B.Sc. Computer Engineering, 2017
AWS Certified SysOps Administrator
Time Magazine's Person of the Year (2006)