

Travis Forte

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- Summary
- Site Reliability Engineer with 13+ years experience in Systems, Security and Networking
 - Experience working with High Availability Linux based Systems
 - Cloud experience (kubernetes, containers, caching, load balancers, object storage, NoSQL, etc.)
 - SOC experience (monitoring, analyzing, and mitigating various security threats)
 - Networking experience (understanding core concepts and tools with a focus on Security)

- Skills
- OS:** UNIX (Ubuntu/RedHat/CentOS)
- Languages/Scripting:** Bash, Python, PHP
- Tools:** Kubernetes, Istio, Docker, Git, Azure DevOps, Datadog, New Relic, PagerDuty, Rancher, Grafana, Confluent Cloud Kafka
- Cloud & SaaS Platforms:** Azure, AWS, GCP

Education Florida State University; Tallahassee, Florida – B.S., Information Technology

- Experience Sr. Site Reliability Engineer, Sourcemap -- Current
- Architect, build and support an entire CI/CD process for a backend microservice platform
 - Deploy cloud infrastructure (Azure) via automation using Terraform
 - Design and deploy high availability Kubernetes clusters(AKS) with autoscaling
 - Design and configure monitoring, alerting and automate responses using Datadog
 - Troubleshoot and rectify production issues at the app, Kubernetes and infrastructure layer
 - Work closely with developers both proactively and reactively on reliability initiatives
 - Capacity plan for new app and cluster deployments
 - Manage and provide technical coaching and direction to more junior teammates

Customer Reliability Engineer, Fairwinds

- Provide Kubernetes and cloud consultancy services to various customers such as PagerDuty, Noonlight and many others for all of the following
- Deploy cloud infrastructure (GCP, AWS, Azure) via automation using Terraform
- Design and deploy high availability Kubernetes clusters with autoscaling at the app and node layer
- Design and deploy Kubernetes and infrastructure monitoring and alerting solutions using Datadog
- Troubleshoot and rectify production issues at the app, Kubernetes and infrastructure layer
- Capacity plan for new app and cluster deployments

Sr. Site Reliability Engineer, GE Digital

- Architect, build and support an entire CI/CD process for a backend microservice platform
- Build cloud infrastructure via automation (NoSQL DBs, Object Stores, Container Registries, etc)
- Build, manage and support Kubernetes (AKS) with Istio across four environments for High Availability
- Define SLOs for backend and frontend services, investigate root causes for SLO breaches
- Design and configure monitoring, alerting and automate responses
- Capacity plan for application launches/changes with 500k+ end users or the entire organization
- Work closely with developers both proactively and reactively on reliability initiatives
- Provide technical coaching and direction to more junior teammates

Site Reliability Engineer, Amadeus North America

- Analyzed and enhanced the security posture across internal applications to meet or exceed industry standards
- Built and managed development and testing environments
- Assisted developers in debugging application issues using various tools
- Supported application deployments, building new systems and upgrading/patching existing ones
- Troubleshoot issues across the entire stack, including hardware, software, application, and network

Systems Engineer, Amadeus North America

- Created/Modified scripts to automate software loads ensuring platform stability while remaining agile
- Performed configuration changes such as kernel upgrades on a large scale Linux platform
- Detected, troubleshoot and recovered incidents by cross referencing various points of interest
- Created and enhanced alerting to detect system anomalies for incident detection and reduction
- Performed system and application monitoring for performance tuning

SOC Specialist, Akamai Technologies

- Performed deep packet analysis to identify DDoS/DoS attack vectors and security threats
- Correlated data by researching logs, analyzing graphs and packet inspection to provide detailed customer reports
- Implemented security countermeasures to mitigate security related threats
- Troubleshoot advanced network connectivity and routing issues
- Provided customer communications related to security events

SOC Technician, Akamai Technologies

- Performed telemetry monitoring to identify security events for customers
- Provisioned and troubleshoot customer's proxies, tunnels, and traffic monitoring configurations
- Owned customer facing communications during DDoS events to assist specialist with the tuning of mitigation postures
- Followed workflow procedures within a follow-the-sun Global Operations Center

Implementation & Support, Diebold Eras

- Supported and responded to networking issues affecting various bank tellers and ATM terminals nationwide
- Monitored and resolved issues across multiple virtual and physical banking servers
- Troubleshoot and researched database issues for clients, remote contractors, and corporate end users
- Tested and performed installations of new software and upgrades
- Documented, tracked, monitored and escalated problems to ensure a timely resolution