

JASON “TOJ” FOWLER

Senior Software Engineer

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EXPERIENCE

WP Engine - Austin, TX

Senior Software Engineer Oct 2022 - Present

- Built and maintained GCP Cloud Build CI/CD pipelines managed via Terraform, with automated dev to prod promotion, PR validation, and inline plan output across 6+ repositories
- Managed enterprise Kubernetes infrastructure across multi-cloud environments including GKE upgrades, vulnerability remediation, and cost optimization via Terraform
- Built dbt pipelines in BigQuery for SLI metrics covering uptime, bandwidth, and the org's first cluster-level downtime and MTTR tracking
- Built an uptime monitoring platform on GCP including an hourly NRQL→BigQuery ETL pipeline via Cloud Functions and Cloud Scheduler, and an event-driven alerting pipeline routing webhook events through Pub/Sub to Slack
- Led cross-team performance benchmarking and validation for new platform infrastructure; identified configuration defects and methodology flaws and presented findings to engineering and product leadership
- Served as team Agile Advocate, bridging engineering, product, and leadership to establish standards, facilitate ceremonies, and track metrics via Jira dashboards
- Mentored 2 engineers in Terraform, Kubernetes, and Python via hands-on training modules and Jupyter notebooks

Software Engineer, Reliability May 2020 - Sept 2022

- Diagnosed GKE pod degradation with Google, identifying a COS node issue; migrated to Ubuntu nodes to resolve it
- Extended the org's uptime SLI/SLO monitoring from single-region to multi-region polling, finalizing the consensus-based availability calculations and BigQuery/DataStudio reporting for rolling 28-day compliance tracking
- Authored 23 technical documentation pages for uptime monitoring, incident response, and operational runbooks

Associate Software Engineer, Reliability Nov 2017 - Apr 2020

- Led Jenkins migration from AWS to GCP using Terraform/Ansible with SumoLogic/Datadog monitoring; maintained infrastructure through upgrades, plugin updates, and node migrations with documented RCAs
- Maintained Django service aggregating Jira/GitHub metrics for engineering OKR tracking and visualization
- Co-led Kubernetes adoption assisting engineering teams with workload migrations
- Developed smoke tests, monitoring frameworks, and operational runbooks

IT Support Lead Sept 2014 - Oct 2017

- Built IT infrastructure and auditing systems, administered corporate networks (Meraki, 4 offices) and collaboration platforms (Google, Zoom, Dialpad)

Bazaarvoice - Austin, TX

IT Support Engineer 2012 - 2014

Sagemore Apple Store - Marlton, NJ

Genius 2010 - 2012

Lindenwold High School - Lindenwold, NJ

High School Mathematics Teacher 2008 - 2010

Pearce Middle School, Austin ISD - Austin, TX

6th Grade Mathematics Teacher 2006 - 2008

CERTIFICATIONS & EDUCATION

Certified ScrumMaster (CSM)

Scrum Alliance Feb 2022 - Feb 2024

Certified Kubernetes Administrator

CNCF Nov 2021 - Nov 2024

Apple Certified Mac Technician

Apple, Inc. Oct 2010 - Nov 2012

Certified Mathematics Teacher (K-12)

State of New Jersey July 2008 - Present

Certified Technology Education (6-12)

State of Texas May 2008 - Aug 2012

Certified Mathematics Teacher (4-8)

State of Texas Aug 2006 - Aug 2012

Bachelor of Science, Computer Science

The University of Texas at Austin Dec 2003

SKILLS

Kubernetes	Agile Methodologies
Terraform	Google Cloud (GCP)
Python	Site Reliability Engineering
Helm	dbt
BigQuery	JMeter
Golang	Docker
Grafana	Data Studio
Ansible	InfluxDB
Cloud Build	Telegraf
PagerDuty	Backstage