Shreyas Gune

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* I am a passionate and consistently motivated individual with **8 years of experience in cloud technologies, DevOps and SRE**.
* I care about my projects and I am genuinely interested in them. I am capable and willing to teach myself required skills that would help my team's goals as well as my personal and professional growth.

**CAREER OBJECTIVES**

* To lead the design, automation, and management of scalable, secure, and cost-efficient cloud-based applications, driving operational excellence through proactive monitoring and innovative DevOps practices

**SKILLS**

**Technical Languages: Terraform-HCL, Go, Python, YAML, PROMQL, SQL, Bash, Varnish, Groovy/Java**

**Cloud Platforms**: **Google Cloud Platform (GCP), Amazon Web Services(AWS), Openstack, Microsoft Azure, Alibaba**

**Infrastructure and Orchestration:** Docker, Kubernetes (Self-Hosted & Managed), Helm, Terraform, Terragrunt (IaC), Ansible, Puppet (Windows, Linux, Mac), Microsoft Hyper-V, VMWare, Rancher, Artifactory, FASTLY CDN and WAF with VCL.

**Observability:** Prometheus, Grafana, AlertManager, Loki, Thanos, Promtail, Tempo, Elastic-Kibana-Logstash, Splunk, New Relic, SumoLogic, DataDog, Cloudwatch, Journal

**CI/CD and Automation:** Jenkins, GitHub Actions, ArgoCD, Atlantis

**Databases and Storage:** MySQL, BigQuery, Redis, Memcache, PostgreSQL

**Networking:** L4/L7 Load Balancing, REST and gRPC, L2/L3 Networking, VLANs, TCP/IP

**SecOps expertise**: Managed HashiCorp Vault, OPA, PKI, SSL/TLS automation, firewalls, and OAuth2,OIDC,LDAP auth, IAM, Active Directory, IdPs: OKTA and follow PCI-DSS compliance.

**System Administration:** Unix/Linux Servers (Debian/Ubuntu, RHEL/CentOS), On-Premise Infrastructure, Windows Servers

**Service Mesh**: Consul, Istio

**Message Bus**: Pulsar, Google Pub/Sub, RabbitMQ, Kafka

**SRE Practices**: SLO, SLI, Error Budgets, Root Cause Analyses (RCA), Blameless Postmortems, Incident Response (MTTR, MTTA), on-call rotations,Information Systems and Technology Management (ISTM) Processes

**PROFESSIONAL EXPERIENCE**

**Senior Site Reliability Engineer, Blizzard Entertainment ( XBOX Studios, Microsoft)** August 2021 - Present

SRE Product Ownership: **Hearthstone, Diablo Immortal, Diablo 2 Resurrected, Diablo 3, Diablo 4**

Work Profile:

* **Dedicated Senior SRE for Diablo: Immortal**: **Engineered solutions in GCP (Helm, Kubernetes) and AWS infrastructure using Terraform and Terragrunt, a**utomated Windows/Mac VM setups with **Puppet/Jenkins**, and optimized **AWS** resources (**EC2, S3, DNS** and **Lambda**) with **Billing API** and **Tableau.**
* **Senior SRE for Diablo 4**: Operated Kubernetes resources,, managing HPA-scalable microservices with **Consul service mesh, Pulsar message bus, Redis memorystore, CI/CD (ArgoCD, Atlantis), and observability tools (Prometheus, Grafana, Kibana, AlertManager).** Delivered a **67% cost reduction** through SKU optimization and scaling enhancements.
* **Led SLO initiatives for Diablo 4**, designing a comprehensive framework adopted by other teams. Implemented **player-experience-based SLOs, reducing complaints and bug-fix times via real-time metrics, dashboards, and alerting mechanisms.**
* **Senior SRE for Diablo 3, Diablo 2 Resurrected, and Legacy**: Built **Terraform IaC for OpenStack, automated tasks with Ansible and Puppet, managed RabbitMQ, Redis, and databases (BigQuery, MySQL, PostgreSQL).**
* **CI/CD**: Delivered **end-to-end build deployments using GitHub Actions, Atlantis, ArgoCD, and Jenkins**.
* Performed stress testing, performance analysis, and troubleshooting for optimization.
* **Cost Optimization**: Led cloud cost analyses, achieving long-term savings through Reserved Instances and SKU strategy.
* Consistently delivered impactful solutions, facilitated stakeholder communication, mentored junior engineers, conducted peer reviews, and authored technical documentation to streamline operations and knowledge transfer.

**Site Reliability Engineer, USA Today Network** May 2017 – August 2021

Work Profile:

* Managed the **USA Today web portfolio (256 websites) on Kubernetes**, enabling **automated deployments, traffic failovers, and publishing updates via Jenkins**.
* Led the **Customer Engagement Solutions team** to implement **GCP solutions** tailored to internal needs, including **Service Level Indicators (SLI)** and **Service Level Objectives(SLO)**.
* Created monitoring dashboards using **NewRelic**, log management via **Splunk**, and an **alert automation tool** in **Go with VictorOps and Slack integration.**
* Developed the **first in-house Fastly Terraform Provider in Go.**
* Built and managed all of the **automation pipelines with** **GitHub Actions, Jenkins and APIs**, reducing toil.
* Wrote an **API management solution on Fastly’s CDN Edge using Varnish Config Language** and logging/monitoring for it was provided by SQLs in **Google BigQuery** and **Google DataStudio**.
* Authored technical documentation, walkthroughs, labs, and internal technology blog posts.
* Conducted **Production Readiness Reviews as a subject-matter expert.**

**FullStack Developer, AT&T**  Aug 2016 – May 2017

**Development Engineer Intern, Ericsson** June 2014 - May 2015

**Memberships -** Inductee, Eta Kappa Nu, Engineering Honors Society

& **Leaderships** - Academic Excellence Award, Engineering Senator, Student Congress

- Speaker at New Relic’s FutureStack DC 2019 on *SRE Methodology at USA Today*

**Education -** University of Texas at Arlington, M.S. in Electrical Engineering

 - University of Mumbai, B.E. in Electronics and Telecommunications