

# Anubhav

## Sharma

Senior Software Engineer,  
Cloud Infrastructure &  
Platform Specialist

📍 Boston, MA

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### Profiles

 GitHub

 LinkedIn

### Education

#### Northeastern University

Bachelor of Science  
Computer Science with  
Cognitive Psychology  
Boston, MA • 2016 - 2020

### Skills

#### Kubernetes

Advanced EKS, GKE, k3s



#### Cloud Providers

Advanced  
AWS, Azure, Google Cloud



#### Languages

Advanced  
Python, Java, Ruby, Go,  
Elixir, Javascript



### Summary

**Senior Software Engineer and Platform Architect** with a demonstrated history of scaling global infrastructure and an intrinsic need for automation. Expert in **AWS multi-account architecture**, **Kubernetes (EKS)**, and **distributed LLM inferencing**, with a proven track record of orchestrating large-scale migrations and consolidating **3+ product infrastructures** post-acquisition with zero downtime. Skilled in **Terragrunt**, **Jsonnet**, Python, and high-performance AI serving. Strong information technology professional with a **Bachelor's degree in Computer Science and Cognitive Psychology** from **Northeastern University**, focused on Artificial Intelligence and building developer-centric platforms.

### Experience

#### Clari, Inc.

Senior Software Engineer

August 2024 - Present

- Architected a multi-account EKS ecosystem to replace a legacy monolithic VPC, engineered via reusable Terragrunt modules; migrating 70+ services with 0% downtime via a standardized, cross-team migration framework.
- Developed a Jsonnet-based configuration abstraction that reduced Kubernetes manifest complexity by 90%, eliminating configuration drift and accelerating onboarding for multiple engineering teams.
- Played an instrumental role in the architectural consolidation of 3+ product infrastructures post-acquisition, implementing cross-account networking that enabled seamless communication for legacy and modern assets.
- Led the lifecycle management of global Cassandra and ZooKeeper clusters; executed a 4-generation OS upgrade (Ubuntu 14.04 to 22.04) and automated maintenance, reducing manual intervention by 70%.

#### Clari, Inc.

Software Engineer II

March 2022 - July 2024

- Drove a 99.5% efficiency improvement in service provisioning, transforming deployment workflows from a week-long manual process to a 2-minute automated pipeline, accelerating product velocity and reducing operational toil for multiple engineering teams.
- Led the strategic end-to-end migration of mission-critical distributed Cassandra and ZooKeeper clusters, orchestrating a multi-generational OS upgrade (Ubuntu 14.04 to 24.04) across production environments with zero downtime, ensuring business continuity for revenue-critical services.
- Architected and delivered an enterprise-grade Infrastructure self-service platform, abstracting complex Terraform workflows behind an intuitive GUI that empowered engineering teams to provision and modify AWS infrastructure in under 3 clicks, democratizing infrastructure access across the organization.

## Infrastructure as Code

Expert

Terragrunt, IaC, Terraform, Jsonnet, Tanka



## Containerization

Expert

Docker, Colima, Containerd, Podman



## Operating Systems

Expert

Linux, MacOS, Windows



## Hypervisors

Expert

Xen, VMWare ESXi, Proxmox



## Publications

**The effect of visual feedback on perceptual and oculomotor performance in a gaze-contingent simulated scotoma paradigm**

June 2021

ARVO

<https://iovs.arvojournals.org/article.aspx?articleid=2776015>

## Languages

### English

Native



### Hindi

Native



## References

Available upon request

## Clari, Inc.

Software Engineer I

March 2021 - February 2022

- SME for various layers of the stack including Infrastructure-as-Code, configuration management, CI/CD, self-hosted databases and internal tools
- Wrote a modular Slack bot allowing quick and easy integration to internal APIs using various AWS products, allowing users to manage PagerDuty incidents through Slack improving effective communication and reducing MTTR by 60%
- Instantiated a new minimal service in a separate isolated AWS account VPC, through automatic Terraform code generated from a short JSON config file in under 10 minutes.

## ProgenERP

Lead Systems Engineer

July 2018 - December 2020

- Built an automated deployment and replication system serving 20+ clients worldwide with an SLA level of 99.99% uptime
- Migrated from traditional VMs on vSphere to Kubernetes pods increasing datacenter efficiency by 240% & application performance up to 70%
- Employed Ingress controllers, application services and container metrics to balance traffic, autoscale applications & worker nodes in Kubernetes, minimizing downtime to 0.006%
- Automated creation of new application pods coupled with database volumes, system alerts and self-healing services in under 2 minutes

## Wanderu, Inc.

DevOps Engineer

January 2019 - August 2019

- Spawned a release-managing Slack bot for developers preventing application environment locks during deployment
- Appended a React app to an internal web administration tool reducing data lookup & visualization time by 35%
- Saved several thousand dollars in labour & billing costs by automating various instance power, audit, data migration, testing & deployment jobs
- Monitored & maintained 100+ EC2 instances & corresponding applications with Docker, Icinga, Ansible and Python scripts

## SmarterTravel, a TripAdvisor Company

Systems Engineer

January 2018 - June 2018

- Assisted in minimizing downtime & configuring failovers within minutes during the switch from a bare-metal datacenter to AWS
- Optimized workflows via 100+ scripts & tests in Python, Ruby & Bash, automating countless SOX audit jobs, ElasticSearch rolling restarts, AWS fail-overs & application deployments
- Created 75+ cookbooks in Chef for instantiating 1000+ developer VMs & integrated InSpec testing as an intrinsic process