



# Anubhav Sharma

<https://anubhav.cloud>

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## WORK EXPERIENCE

### Software Engineer II - Cloud Infrastructure

Mar 2022 - Present

Clari, Inc. - Sunnyvale

- Created a GUI Infrastructure self-service web application, abstracting Terraform code and the complicated internal workflow for service creation/editing, allowing developers to quickly & easily modify the AWS stack currently in use, in as little as 3 clicks.
- Reduced time required to create or edit a service/module in our live Infrastructure from ~1week to under 2 minutes.

### Software Engineer I - Cloud Infrastructure

Mar 2021 - Feb 2022

Clari, Inc. - Sunnyvale

- 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.

### Lead Systems Engineer | Division Head

July 2018 - Dec 2020

ProgenERP - Mumbai

- 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

### DevOps Engineer

Jan 2019 - Aug 2019

Wanderu, Inc. - Boston

- 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

### Systems Engineer

Jan 2018 - Jun 2018

SmarterTravel, A TripAdvisor Company - Boston

- 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

## PROJECTS

- EyeSpy - A potential treatment for Amblyopia embedded in a Unity game controlled by a Tobii eye-tracker
- TIG RaspberryPi Stack - Telegraf, InfluxDB, Grafana & PiHole on a RaspberryPi 4
- LunarLander - Approx. Q-Learning - OpenAI LunarLander model taught to hover & land using Approximate Q-Learning & Reinforcement Learning
- Quandom - Multi-player android trivia app on the PlayStore with 18 categories & 3 levels, polling questions from a trivia API

## SKILLS

Kubernetes | Docker | Linux | Chef | Python | JS | Java | Ruby | SQL | AWS | VMWare vSphere | Unity

## EDUCATION

**Northeastern University** - Houry College of Computer Sciences  
B.S. in Computer Science with Cognitive Psychology

Boston, MA  
Sep 2016 - Dec 2020