Raghubir Singh Chimni

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EDUCATION

University of California, Santa Barbara   *Graduated June 2023*
B.S. Computer Science, GPA: 3.72/4.00

SKILLS

Programming Languages: Python, Terraform, Bash, JavaScript, C++, SQL
Tools: HashiCorp Vault, Grafana, Prometheus, Linux, Git, Chef, Docker, Jenkins, React Native, Firebase

EXPERIENCE

GetInsured   **Mountain View, CA**
Associate Site Reliability Engineer   *May 2025 – Present*
- Migrated Grafana dashboards for a new EKS cluster by creating Kubernetes manifests and deploying them via ArgoCD

Workday   **Pleasanton, CA**
Sr. Associate DevOps Engineer   *Nov 2024 – Feb 2025*
- Led the rotation of our team's and clients' Certificate Authorities (CAs), coordinating with stakeholders to ensure uninterrupted certificate issuance for our clients' services
- Mentored team members on the rotation process, enabling them to run key steps during rollout
- Developed a validation process for new client CAs, facilitating timely verification of certificates and chains
- Built Grafana dashboards to provide visibility into our F5 pools, revealing a missing pool member
- Led incident responses for live clusters, successfully maintaining service availability and fault tolerance

Associate DevOps Engineer   *Sept 2023 – Nov 2024*
- Provided HashiCorp Vault Enterprise as a critical security service with 99.99% uptime to our infrastructure organization in 6 on-premise Linux environments, each handling millions of daily requests
- Developed a Threat Model for our Vault service using the STRIDE Framework; identified risks and defined mitigation plans to improve security posture
- Authored best practice guides to improve client security, service resiliency, and license count usage
- Led internal client consultations for Vault integration, providing guidance on secure access patterns
- Wrote, reviewed, and deployed secure configurations for our clients and servers with Terraform and Chef
- Built and maintained Grafana dashboards and Prometheus alerts for our Vault clusters, improving visibility and enabling proactive issue detection
- Developed a custom Prometheus metric to track live Vault Cluster nodes and integrated it into our alerts & dashboards to automate observability updates during cluster flips, failovers, and member changes; saving our engineers 20 minutes per maintenance cycle
- Defined Availability and Latency SLIs to track performance insights of our Vault service

DevOps Engineer Intern   *Jun 2022 – Sept 2022*
- Automated the Terraform deployment workflow for onboarding internal clients to Vault using Atlantis
- Deployed Atlantis in Workday's Private Cloud and integrated it with our team's GitHub PRs via webhook
- Customized Atlantis workflows to support changes to environment-specific folders & shared modules
- Developed Conftest policies to identify security risks in Terraform plans

PROJECTS

FastTrack   *Mar 2025 – Apr 2025*
Technologies Used: Python, FastAPI, HTML, CSS; Strava, Spotify, OpenAI APIs
- Built a full-stack web application (PoC) to identify Spotify music played during the user's fastest mile of their Strava runs, and recommend similar tracks using OpenAI's API
- Synchronized the user's best mile from their Strava runs with their Spotify listening history, filtering songs based on timestamp, playback duration, and movement data
- Engineered a prompt for GPT-4.5 preview, resulting in consistently relevant music recommendations
- Orchestrated Strava & Spotify OAuth2.0 flows to authenticate users and authorize data access for this app
- Utilized cookies and Redis to persist and manage user sessions
- Implemented middleware to handle expired sessions and automatically refresh tokens
- Optimized operations and API response times by implementing concurrency with asyncio and aiohttp

ACHIEVEMENTS: AWS Certified Cloud Practitioner, Workday Security Champion, Eagle Scout