Bhushan Rane

Hacker, Gamer, Musician and Ponderer

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📍 Pune, India

SUMMARY

Versatile DevOps, Cloud and Data specialist with 10 years of experience, having a deep understanding of software, analytics, manufacturing processes, and business operations.
Adept at rapidly assimilating information, drawing conclusions, and confidently presenting insights to both technical and non-technical audiences.
As a creative, curious and analytical thinker, I excel in approaching technology from a business perspective, with a strong focus on automation and data-driven solutions to drive growth and efficiency.

PROFESSIONAL EXPERIENCE

Sr DevOps Engineer

Ollion (CloudCover)   📅 06/2022 - Present   📍 Pune, India

Cloud, Data and DevOps Consulting

- Led the secure migration of multi-tiered applications from diverse data centers like **Exoscale, Hetzner, Azure** to **Google Cloud** for a Swiss-based asset management client by implementing **GKE clusters, virtual machines, databases, and load balancers,** ensuring industry-standard security best practices were followed throughout the process
- As a Platform Engineer, implemented **ArgoCD Autopilot** for GitOps across multiple GKE clusters, enhancing deployment efficiency and maintaining a highly-available, scalable platform
- Implemented a data processing platform on Kubernetes using **Argo Workflows**, **Dagster, Airflow etc**
- Set up **Cloudflare tunnels** to securely access the private networks over the internet, ensuring robust security and seamless connectivity for remote teams
- Developed CI/CD pipelines on **GitLab DevOps** to deploy GCP Landing Zone infrastructure using **Terraform**
- Developed a **Sandbox Provisioner system for Google Cloud,** with Slack integration enabling on-demand ephemeral GCP Projects for users, resulting in 95% cost savings
- Deployed **AWS Landing Zone accelerator** project on top of an **AWS Control Tower**-enabled environment, leveraging **AWS CloudFormation/CDK** for Infrastructure as Code

Sr DevOps Engineer

Sugarbox Networks   📅 02/2021 - 06/2022   📍 Mumbai, India

Edge cloud, CDN and Internet industry

- Single-handedly bootstrapped a comprehensive data platform on-premises, that included a 15-node **Hadoop** cluster, 10-node **Kubernetes**, with **Kafka**, **ELK**, **Grafana**, and **NiFi**, resulting in a 60% increase in data processing efficiency
- Deployed **Airflow**, **Redash**, **Jupyter**, **Grafana** on Kubernetes with remote storage, orchestrating them using **Argo CD** and enhancing security with **OAuth 2.0 SSO** user logins resulting in increased developer productivity
- Developed HealthD, a **Python**-based program to detect Edge issues, automating **JIRA** ticket creation and assignment, resulting in a 70% reduction in resolution time
- Implemented Debezium change database capturing against MySQL database using Kafka connect libraries

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MY LIFE PHILOSOPHY

Works of art make rules; rules do not make works of art."

Claude Debussy

SKILL SET

Soft Skills

| Leadership | Storytelling | Research |

Technical Knowledge

Operating Systems	DevSecOps
LLM	Microservices	Agentic AI
Self Hosting	CI/CD	MCP/RAG
Zero Trust Architecture	SaaS
Cloud Computing	Data Engineering
Big Data	Distributed Systems

Tools and Technologies

Linux	Kubernetes	Terraform
OpenAI	AWS	GCP	Docker
Ansible	Cloudflare	Argo Stack
Kafka	Hadoop	Grafana
Prometheus	ELK	Cursor

Programming Languages

| Python | Bash | GoLang | SQL |

EDUCATION

B Tech, Production Engineering

Veermata Jijabai Technological Institute

📅 07/2011 - 05/2015   📍 Mumbai

PROFESSIONAL EXPERIENCE

Systems Engineer

Sugarbox Networks 📅 04/2020 - 02/2021 📍 Mumbai, India

- Implemented an end-to-end high-availability real-time monitoring and alerting system for edge and CDN systems in the e-commerce industry, resulting in a 30% improvement in system reliability and reduced downtime
- Customized Debian OS ISO files for Edges and CDN nodes, enhancing distribution efficiency
- Developed **NiFi** pipelines and **PySpark** data processing applications
- Automated routine administrative tasks using **Ansible**, **Salt Stack**

ADDITIONAL EXPERIENCE

Sr Support Quality Engineer

Alfa Laval India Pvt Ltd 📅 07/2015 - 04/2020 📍 Pune, India

Specialized products and solutions for Heavy Mechanical Industries

OPEN SOURCE CONTRIBUTIONS

AWS Landing Zone

📅 01/2023 - 07/2023

🔗 https://github.com/ollionorg/aws-landing-zone

Led a team of 4 to develop AWS Landing Zone using Terraform, resulting in reproducible code that quickly sets CI/CD for multi-account, multi-regional AWS environments with secure best practice configurations out of the box, reducing deployment time by ~99%

PROFESSIONAL CERTIFICATIONS

Google Cloud Certified - Professional Cloud Security Engineer

Google (view creds)

Certified Kubernetes Administrator - CKA

CNCF (view creds)

Certified Kubernetes Application Developer - CKAD

CNCF (view creds)

Google Cloud Certified - Professional Cloud Architect

Google (view creds)

Google Cloud Certified - Professional Cloud Network Engineer

Google (view creds)

Google Cloud Certified - Professional DevOps Engineer

Google (view creds)

AWS Certified Solutions Architect - Associate

AWS (view creds)

PERSONAL TRAITS

Bookworm
Unfolding worlds, one page at a time.

Creative and Analytical
Strong intuitions towards Science, Mathematics and Engineering

Original and authentic thinker
Ability to add different angles and perspectives to thoughts

Empathetic human being
Helping by nature and possessing deep concerns for all life forms

Volunteering and Mentoring
As we grow older, you discover that we have two hands — one for helping ourselves, the other for helping others

Multitasking and Strategic decision making
Competitive e-sports gaming

AWARDS AND RECOGNITIONS

Rising Nova Superstar
📅 10/2022
Delivering high quality work as newcomer

Ace of Spade
📅 07/2021
Exceptional quarterly performance award

Project Moonlight Star
📅 10/2020
Exceptional performance award for consumer experience initiative

FIND ME ONLINE AT

GitHub
@drtinkerer

LinkedIn
@drtinkerer

Medium
@drtinkerer