

Kanwaljit Singh

DevOps Engineer

Experienced DevOps Engineer with a showed history of working in the Information Technology and Services industry. Talented in Public Cloud, for example, AWS, Azure with DevOps & Orchestration Utilities like Docker, Jenkins, Gitlab, Terraform Incl. solid building in Linux with Shell/Python Scripting and working with Continuous Monitoring tools. An enthusiastic engineer eagerly awaiting for opportunities to use his aptitude and insight in the field of Cloud Administration.



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Sangrur, India 📍

Portfolio - www.kanwaljitsingh.me 🌐

Quora - [Kanwaljit-Singh-ilLuSion](https://www.quora.com/Kanwaljit-Singh-ilLuSion) 🗣

github.com/ilLuSion-007 🐙

WORK EXPERIENCE

DevOps Engineer

ClickLabs Pvt. Ltd.

02/2019 – Present

Panchkula, India

Achievements/Tasks

- Everyday utilization of AWS Services like EC2, S3, RDS, VPC, IAM, DynamoDB, Cloudwatch, Cloudformation and so forth.
- Utilized Terraform and Cloudformation to computerize the development of EC2 instances with necessities required for Nodejs and Angular Deployments.
- Making and overseeing profoundly accessible and secure infrastructures for ventures with a high RPM. Incorporates Private Subnetting, Load-adjusting, Auto-Scaling, Haproxy/nginx failover, Mongo Replica sets, RDS (MySQL master-slave) and some automated jobs to guarantee systems are refreshed.
- Experienced in Shell, YAML and Boto's Python scripting. Composed numerous scripts to automate day-to-day mundane tasks and concentrating on the space for in general improvement in Junglework's DevOps.
- Automated Angular and Nodejs Deployments using Jenkins and bash scripting. Used Spot-fleet instances for angular deployments and hence, saving a lot per instance.
- Utilizing Nagios, Sentry and NewRelic for monitoring & observing in excess of 250 servers. Investigating and offering help if there should be an occurrence of any mishappening on and off the workplace timings.
- Used to resolve floor inquiries by our developers on our ticketing system i.e. DB, CI/CD and DNS/SSL with linux based issues, in addition to interfacing with clients.

EDUCATION

B.Tech in Computer Science

University of Petroleum & Energy Studies, Dehradun.

06/2015 – 06/2019

CGPA - 7.40

Class XII - Higher Secondary

Rishi Public Sr. Sec. School, Sangrur

06/2014 – 06/2015

Rank 3rd, Percentage - 92.2%

Class X - Matriculation

Vasant Valley Public School (VVPS), Sangrur

06/2012 – 06/2013

CGPA - 9.20

WORK ORIENTED SKILLS

AWS/Azure/KVM

Orchestration Tools

Linux/Shell

CI/CD with Monitoring tools

Web/DB/LB Servers

Nodejs/PHP/Python/Angular

GIT/Jenkins/Docker

LATEST PROJECTS

Spot Fleet Automation in AWS for Cost Savings

- Automated the deployment of angular builds using spot instances. Used Terraform for launching Spot fleet Instances and Jenkins for Deployment.

Zero Downtime with FailOver Strategies on AWS Hosted Multiple Projects

- Used Boto, Shell and Jenkins CI/CD to achieve Zero Downtime Deployment with High Availability & Applied FailOver Strategies.

HIPAA/PCI-DSS Compliance Architect & Cloud Migration (AWS-AWS)

- Architect & Implement the Project's Infra. for HIPAA Compliance Usage and Migration of Offshore Projects Infra. into Client's AWS.

DevOps Tools Utilization Automation with Stack

- Designed the Dedicated Stack for ClickLabs DevOps & Implemented the automation over tools such as Gitlab, Jenkins, LDAP, oSticket, Cloudflare etc. which are previously used with manual intervention

CERTIFICATION/RESEARCH

Certificate of Innovative thinking at ClickLabs (02/2020 – Present)

ClickLabs Innovator in DevOps Department

Azure - Microsoft Technology Associate / IBM Badge in Cloud Computing & Virtualization (08/2018 – Present)

Azure's MCSA with Cloud fundamentals and IBM Badge in Cloud Computing & Virtualization Technologies

MTMI International Conference / INN EXPRESS DUBAI (12/2017)

An Interoperable Approach Fund Exchange between Digital E-Wallets via Single Sign On

LANGUAGES

Hindi

Native or Bilingual Proficiency

Punjabi

Native or Bilingual Proficiency

English

Full Professional Proficiency