

Deepankur Singh Baliyan

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EXPERIENCE

INFRA CLOUD TECHNOLOGIES., PUNE (INDIA)

Jan'21 — Present

Site Reliability Engineer

- Training on Prometheus and Kubernetes.
- Developed a POC for custom deployment of Prometheus and Grafana using tools like Helm, Terraform, Github and GCP.
- Developed a POC for multi tenant Kubernetes clusters using the virtual cluster.
- Published technical blogs for the organisation on Prometheus.

HCL TECHNOLOGIES., Noida (India)

Aug'18 — Dec'20

Cloud Developer (Cloud Management and Automation practice team)

- Developed private and public cloud infrastructure automation for clients using vRealize Orchestrator(vRO) and vRealize Automation(vRA).
- Developed end to end machine provisioning use cases (both infrastructure and application specific) through customized XaaS forms using vRealize Automation
- Hands-on experience of integrating vRO with third party systems like ServiceNOW, Qualys, Jenkins, Active directory.
- Developed automation runbooks for auto resolving of common occurring ServiceNOW tickets in client environment.
- Created an automated application delivery pipeline using Containers and Container Orchestration tools (Kubernetes, Pivotal Container Services(PKS), Amazon ECS).
- Hands on experience in migrating containers from private cloud to public cloud.
- Implemented a VMware vRealize Suite based proof of concept to provide Container as Service in an automated fashion through vRealize Orchestrator scripts.
- Wrote terraform scripts for automating machine provisioning on AWS by leveraging infrastructure as a code (IaaS).

IBM India Pvt. Ltd., Bengaluru (India)

Jun'17 — Aug'17

Software Engineering Intern

- Implemented the database structure for an application that assists organizations in providing emergency services in affected areas.

EDUCATION

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES (UPES, DEHRADUN)

Jul'14 — Jun'18

B.Tech. Computer Science & Engineering with Specialization in Telecom Informatics

- GPA: 3.03/4
- Major-I project titled *Data Mining over Ontology-based Semantic Web Crawler* was recognized by the Computer Science department.
- Coursework: Data Structures & Algorithms, Computer Systems Architecture, DBMS, Operating Systems, Theory of Automata, Managerial Economics, Mathematical Logic, Computer Networks, Entrepreneurship & Product Development.

TECHNICAL SKILLS

- Programming Languages: Java, C++, Python.
- Software: vRealize Automation, vRealize Orchestrator, VMware vSphere, Kubernetes, PKS, Amazon ECS, Prometheus, Helm, SaltStack, Docker and Terraform.
- Scripting Languages: Bash, PowerShell and JavaScript.
- Administration: Linux (CentOS, RHEL).

TRAININGS UNDERTAKEN

- VMware vRealize Automation: Install, Configure and Manage [V7.0] by VMware Education Services.
- Attended an in-house workshop on development using Terraform organized by HCL.
- Kodecloud Course for Certified Kubernetes Administrator.

CERTIFICATIONS

- VTSP-MA (VMware Technical Sales Professional in Cloud Management and Automation) certified by VMware Education Services.

OTHER INVOLVEMENTS & ACHIEVEMENTS

- Built a resume website which can be visited at <https://deepankur797.github.io>
- Part of a three-member team that represented UPES at ACM-ICPC Asia Amritapuri regionals round.
- Was a student placement representative (SPR) at UPES. Handled the mediation process between prospective recruiters and UPES placement committee.