

Suvash Shrestha

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PROFESSIONAL SUMMARY:

- Experience in working on version control systems like Subversion, and GIT and used Source code management client tools like GitBash, GitHub, Git GUI and other command line applications etc.
- Experience using MAVEN as build tools for the building of deployable artifacts from source code.
- Experience involving configuring S3 versioning and lifecycle policies to and backup files and archive files in glacier.
- Experience in Deploying Apache Tomcat web server, IIS Server.
- Knowledge of using Routed Protocols: FTP, SFTP, SSH, HTTP, HTTPS and Connect direct.
- Having Good Knowledge of Amazon AWS Cloud Services, (EC2, S3, EBS, ELB, Glacier, IAM, VPC, Cloud Formation).
- Worked as an independent contributor, Self-motivated and energetic professional, Strong Organizational skills and ability to do multitask, ability to quickly acquire an in-depth knowledge of the company's product and systems.
- Excellent team player with problem-solving and trouble-shooting capabilities.
- Good communication, interpersonal and presentation skills. Excellent work ethics, self-motivated and quick learner, willing to learn, adapts new technologies and third-party products.

TECHNICAL SKILLS:

| | |
|--|--|
| Operating Systems | : Linux, Windows |
| SCM Tool | : GIT, GitHub |
| Build Tool | : Maven |
| CI/CD tools | : Jenkin, ArgoCD |
| Repositories | : Nexus |
| Web Developing tools | : HTML, CSS |
| Web Service Tools | : Apache Tomcat, IIS Server |
| Containerization & Orchestration tools | : Docker, Kubernetes |
| Languages/Utilities | : Shell Script, C, C++ |
| Networking | : TCP/IP, NFS, DNS, DHCP, Cisco Routers/Switches, WAN, LAN, FTP |
| Cloud Technologies | : AWS(EC2, S3, EBS, ELB, Elastic IP, Glacier, IAM, VPC, cloud watch) |
| Monitoring | : Prometheus, Grafana |

WORK EXPERIENCE:

July 2023 – June 2024

**Jobs Dynamics Pvt. Ltd., KTM, Nepal
Junior Dev-Ops Engineer**

Responsibilities:

- Experience with git to create repositories for projects and create branches based on development model.
- worked with helm package manager charts for application and deployed them Kubernetes cluster.
- Containerizing application to Kubernetes.
- Working on databases like MySQL, PGSQL.
- Implemented highly secure and scalable solutions using HashiCorp Vault, ensuring the confidentiality and integrity of sensitive data.
- Designed, implemented, and maintained an automated backup and restore system using Rundeck, significantly reducing downtime and enhancing data resilience.
- Implemented Single Sign-On (SSO) for enhanced security and simplified user access to multiple services with the help of **keycloak**.
- Using terraform for creating projects and jobs in Rundeck.
- Working with monitoring tools like Prometheus and Grafana.
- Using ArgoCD in a GitOps-driven continuous delivery approach.
- Proficient in debugging pods and containers using tools like kubectl and optimizing resource usage.

Environment: GIT, GitHub, Docker, Kubernetes, MYSQL, Argo CD

Feb 2021 – Present

**Cisco Networking Academy
NetAcad Instructor**

Responsibilities:

- Delivered engaging and effective lessons on networking and IT
- Assessed student performance through exams, assignments, and other evaluations
- Created and updated course materials, such as presentations and handouts
- Provided guidance and support to students to help them achieve their goals
- Encouraged student involvement and participation in class
- Provided feedback and constructive criticism to help students improve their skills and knowledge

Sep 2022 to Nov 2022

**Virtually Testing Foundation, California, USA
Information Security Administrator Intern**

Responsibilities:

- MITRE ATT&CK Framework
- OSINT (Open-Source Intelligence)
- Endpoint Security implementing

- Web application security and Team Conflict management
- Working knowledge Kubernetes
- Virtualization
- Business Etiquette
- Cloud Foundation
- Network Security

Academic Qualifications:

| Degree | Institute/University | Year |
|---|---|------|
| Bachelor of Computer Science (Network technology and Cybersecurity) | Forbes College | 2023 |
| Grade 12 (+2) | Daisy Higher Secondary Boarding School | 2018 |
| Grade 10 (SLC) | Adarsha Vidhya Ashram | 2016 |

Professional Certification:

- AWS Solution Architect-Associate SAA-C03
- AZ-400: Designing and Implementing Microsoft DevOps Solutions
- AZ-900: Microsoft Azure Fundamentals
- CEH (Certified Ethical Hacker)
- CCNA (Cisco Certified Network Associate) Routing and Switching

Project completion:

- Minor Project: VoIP Implementation over Intranet
- Major Project: Multi Cloud IOT based Health Monitoring System using Devops

Career Objectives:

Aim to achieve professional excellence in my career with a leading corporate, committed and dedicated people, which will help me to realize my potential to work as a key player in a challenging and creative environment.

Reference:

1. Avash Koirala, Director
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Email: avash@jobsdynamics.com
Jobs Dynamics Pvt. Ltd.
Naxal, kathamandu, Nepal