Nikhil S P

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Software Engineer

Summary

I am an enthusiastic and dedicated professional with around 5 years of experience software Engineering highly skilled in software Development,Devops,Documentation etc... across the complement development life cycle of the product. Adept at end to end software design and development including documentation, infrastructure setup and coordination work very efficiently to deliver results. Identify, resolve and overcome obstacles/problems; break problems down into manageable parts, apply intermediate problem-solving techniques.

Objective

I am looking to build on my extensive range of technical skills within a suitably challenging role. I am keen to achieve further personal & professional development.

PROFESSIONAL EXPERIENCE SUMMARY:

✔ Having overall of around 5 years total IT experience in Linux administration and DevOps and IT Infrastructure management.

✔ Experience working with version control systems like **GIT** and used Source code management tools like **GitHub.**

✔ Planning Infrastructures and **C I/CD** pipeline for new application

✔ Working experience on pipeline and multi branch pipeline for our services in development, staging, and pre-production environment by using the integrated Tools like **Jenkins** and **GitHub actions**

✔ Experience on cloud technology **AWS (Amazon Web Services)** and Basic Knowledge of **GCP (Google Cloud Platform).**

✔ Worked on AWS core services like EC2, S3, EBS, RDS, VPC, Route 53, IAM, CI/CD deployment, Cloud Formation, Elastic beanstalk, Cloud Watch, SNS ,RDS and CloudFront.

✔ **IAM**: Creating and managing users, groups and roles and assigning roles to the EC2 instances with **IAM.**

✔ Experienced in creating various dashboards, metrics, alarms and notifications for servers using AWS Cloud Watch.

✔ Static web hosting on S3 buckets, configure S3 buckets and policies

✔ Experience in implementing DevOps / Automation, Continuous Build and Continuous Integration/Deployment processes.

✔ Deploying applications using Jenkins in Tomcat and nginx containers.

✔ Creating **Ansible Playbooks** to install applications in servers (tomcat, Jenkins, git).

✔ Experience with **Terraform** Automation Tools.

Work Experience:

- Euphoric Thought Technologies Pvt Ltd, Bangalore – DevOps engineer
    - June 2021 – Present
        - Client Location   : Bangalore
        - Domain   : DevOps Engineer
        - Projects   : Phyllo, SynUp

- Qwinix Technology, Mysore – Junior DevOps engineer
    - Jan 2019 –May 2021
        - Client Location   : Bangalore
        - Domain   : Junior DevOps Engineer
        - Projects   : RAD Roller (Platform AWS and Devops tools: Jenkins)

- Qwinix Technology, Mysore – Trainee developer (Web application)
    - March 2018 –December 2019

Roles & Responsibilities:

✔ Experience in Public Cloud: Amazon AWS Services EC2, S3, IAM, ECS, and also using digital ocean droplets

✔ Integrating and implementing CI/CD technology using GitHub actions runner and deployed in nginx web server, monitoring the server

✔ Configuring Jenkins job with related Plug-in for Building, Testing and Continuous Deployment to accomplish the complete CI/CD.

✔ Creating and Managing AMI's/Snapshots and Volumes upgrade/Downgrade AWS Resources CPU, Memory, EBS.

✔ Monitor AWS resources, set a notification alarm in case of trouble through Cloud Watch.

✔ Excelled on creating AMI (AWS Machine Images) that utilizes ELB (Elastic Load Balancer) and Auto Scaling.

✔ Setup/Managing VPC, Subnets make connections between different zones in AWS EC2.

✔ Extensive Good experience with Continuous Integration Jenkins Tool.

✔ Creating, attaching, detaching and deleting various volumes.

✔ Hands on knowledge in creation of Roles, Profiles and users in IAM.

✔ Working experience in taking snapshots of the EBS Volumes.

✔ Create and maintain fully automated CI/CD pipelines for code deployment using Jenkins and GitHub.

✔ Deployed application packages onto Docker containers. Coordinated with software development teams and QA teams for smoother execution of the processes.

Academic Qualifications:

☐ **Graduate with Bachelor of Technology in BE Computer Science from Govt Engineer College(VTU), Chamarajanagar, in the year 2016**

☐ **Completed Diploma in Computer Science from S.E.T Polytechnic, Melkote, in the year 2013**

Technical Skills:

- **SCM/VCS**   :   GIT, GITHUB

- **Java Deployment**   :   Apache Tomcat, nginx

- **DATABASE**   :   RDS , MySql and PostgreSql

- **CICD Tools**   :   Jenkins, GitHub actions

- **Operating Systems**   :   Linux(ubuntu), Windows

- **Cloud Platform**   :   **AWS (Amazon web services) and GCP.**

- **Configuration Management Tools**   :   Ansible

- **Monitoring Tools**   :   Grafana, Kibana, Cloud Watch and New relic

| o | **Containerization Tools** | **:** | Docker |
| o | **Scripting languages** | **:** | yaml,python script (beginner level) |

Certifications & Training Programs:

✔ Completed "Core **JAVA Programming Language**" Course in QSpider at Mysore.
✔ AWS – **Developer Associate**.
✔ GCP - **Associate Cloud Engineer and Professional Cloud Architect**.

Personal Information:

▪	Name	:	Nikhil S P
▪	Father Name	:	Prakash
▪	Date of Birth	:	10-10-1994
▪	Nationality	:	Indian
▪	Languages Known	:	English, Kannada
▪	Interest	:	Reading self-help books, Listening music
▪	Address	:	#477 Marigudi Temple M. Shettihalli, Srirangapatna Taluk, Mandy District.

Declaration:

I hereby declare that all the information furnished above is true and correct to the best of my knowledge and belief.

Place: Mysore   Nikhil S P