


NAVAL SINGH

Senior Cloud Engineer

navalawscld@gmail.com

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Key Skills

Amazon Web Services

Microsoft Azure

DevOps Terminologies

Docker, Kubernetes & EKS

Jenkins CI-CD Pipeline

Ansible, Terraform

GIT & GitHub

Application Monitoring

Education

Bachelor of Technology
Mechanical Engineer From
UPTU 2008-2011

Personal Profile

Fathers Name - Vijay Singh
Nationality - Indian
Languages – English
& Hindi
DOB- 20-08-1991

Address

Hn -76, Village-Nangli Bazidpur
Sector 135 Uttar Pradesh, India-
201304



Profile Summary:

Seeking a challenging and rewarding opportunity with an organization of repute which recognizes my true potential and effectively nurtures my analytical and technical skills such as Aws Cloud & DevOps and An extremely motivated and proficient individual with more than 4.6+ years of experience in DevOps & Linux with AWS Cloud & Development in IT industry.

Certifications:

AWS Certified Solutions Architect – Associate

DevOps & Cloud Tools and Terminology

-DevOps Terminology

Kubernetes, Docker, Jenkins, Maven and CI&CD, My-SQL, Redis, Shell, Terraform, SCM, Tomcat, Ngnix, Ftp & Dns.

-AWS & Azure Cloud Security Tools

Aws Inspector, Aws Guard Duty, Aws WAF, Aws Shield, KMS & Azure Firewall, Azure WAF, Application Gateway, Azure Security Center.

-Devops & Cloud Tools

Nagios, Solar Winds, Site24*7 & Cloudwatch.



Career Timeline:

Umbrella Infocare Pvt. Ltd. (From 3 Aug
2020 to till now)
Cloud Engineer

Zenstar Computer Solutions Pvt Ltd (From
20 Dec 2016 to 31 July 2020)
DevOps Engineer

Guru Gyan Singh Polytechnic (From Jan
June 2012 to Nov 2016)
Assistant Professor



Work Experience

Umbrella Info care Pvt. Ltd.

Project Title: Multi Cloud and Infrastructure Management:

Multi Cloud DevOps, AWS, Azure, Docker, Kubernetes, Tomcat, Jenkins, Ansible, Terraform, Bash & Linux

Roles and responsibilities:

- ❖ Working on Azure Cloud Services such as VM, Vnet, Azure Devops, Azure Key Vault, Web-App, Load Balancer, Application Gateway, Azure Storage, AKS Kubernetes, Azure Monitor, Azure DNS, Azure Data Factory, Azure Security Center.
- ❖ Recognized cloud best practices to reduce cost & unknown threats and Security Monitoring with CIS-Benchmarks.
- ❖ Full-HA micro service Architecture implemented on Aws by using Platform Kubernetes with Security.
- ❖ Extensive knowledge on Created Pods with cluster and managed using Kubernetes.
- ❖ Managing the AWS Cloud and Build Deployment on production server with using Kubernetes.
- ❖ Setup Kubernetes cluster by using Aws auto-scaling and join the nodes with token and Kubernetes master is handle and manage the nodes as well as pods.
- ❖ Managing the AWS Cloud and Build Deployment on production server with using Kubernetes and Ha-proxy.
- ❖ Used Jenkins innovatively to automate most of the build related tasks and setup CI/CD System.
- ❖ Implementation of secure CI/CD with Checkmarx and automate the daily task.
- ❖ Provided day to day operational support related to Aws Cloud Platform and micro service architecture with java-based application.

Zenstar Computer Solutions Pvt Ltd

Project Title: DevOps & Cloud Infrastructure Management

Environment:

DevOps, AWS, Docker, Kubernetes, Cloud Security, CI/CD, Jenkins, Ansible, My-SQL & Linux.

Roles and responsibilities:

- ❖ Working on Aws Cloud Services such as EC2, EBS, S3, RDS, VPC, Lambda, Route 53, EMR, WAF, Shield, CloudFront, API Gateway, Secrets Management, ELB, Cloud formation, IAM, CloudWatch, Config, Certificate Manager, KMS, SQS & SNS.
- ❖ Implement different security tool like AWS WAF, AWS Shield, AWS Guard Duty, Aws Inspector, KMS Key, Burp-suite.
- ❖ Supported micro service security architecture of Docker& K8S on AWS Cloud.
- ❖ Implement different infrastructure as a code functionality using Terraform, Ansible, shell to automate different infrastructure requirement of different client.
- ❖ Deployed Applications on Tomcat and Maintained Load balancing, High availability and Fail over functionality.
- ❖ Deploy Support and manage monthly Product Release and close all observations post Release deployment.
- ❖ Managing all tickets being raised by client related to Infra & application.
- ❖ Monitoring and managing daily alerts related to services e.g. load, spaces, memories and DBlocks by using Nagios and Solar Wind.
- ❖ Provided 24*7 operation support in troubleshooting complex environment hosted of DevOps tools and AWS Cloud services.
- ❖ Web Application Security as per OWASP Top 10- SQL Injection, XSS, CSRF etc.

Guru Gyan Singh Polytechnic

Roles and responsibilities:

- ❖ Prepared daily lectures in accordance with university's curriculum guidelines.
- ❖ Arranged for special demonstrations of engineering concepts.
- ❖ Contributing to the monitoring and enhancement of quality in teaching within the department Teaching and examining department.
- ❖ Conducting substantive research into complex problems, ideas, concepts or theories and applying appropriate methodologies
- ❖ Responsible for training on the latest version of AutoCAD and SolidWorks products and for maintaining expertise in the subject area