📞 +91 9981092411

✉ bhadoria998@gmail.com

in www.linkedin.com/in/prashant-singh-bhadoria-629017215

📍 Gurugram, IN

Prashant Singh Bhadoria

AWS DEVOPS ENGINEER

SUMMARY

Around 3+ years of experience in AWS and DevOps with proven track record in Solutions Design for Cloud Technologies in IT Infrastructure functions. Adept at developing solutions, procedures & service standards for project transformation and business excellence. Proficient in designing and managing cloud infrastructure, CICD Pipelines & ensuring seamless delivery of services.

TECHNICAL SKILLS

Public Cloud: Amazon AWS (Computing Services: AWS EC2, ELB,ASG, Storage Services: AWS EBS, EFS , Database Services, Migration Services, Security and Identity Services: AWS IAM, KMS, Networking Services, Management Tools), Microsoft Azure.
AWS Serverless: Serverless Framework**,** API Gateway, Lambda, DynamoDB
Programming languages: Python, Java
Scripting Languages: Python, YAML, JSON, Groovy
DevOps Tools: Git, Jenkins, Docker, Kubernetes, GitHub, Ansible, AWS CodeCommit, CodeBuild, CodeDeploy, CodePipeline, ECS
Monitoring Tools: AWS CloudWatch, AWS Config, X-Ray, Datadog
Databases: MySQL, RDBMS
Project Management: Jira, Confluence
IAAC: AWS CloudFormation, AWS CDK, Terraform
OS: Windows, Linux
Microsoft PowerShell
RHEL Administrator

KEY SKILLS

• Cloud and Infrastructure Security • Project Management • Support systems • AWS Setup and Architecture
• User Authentication and Access • Troubleshooting
• Team Management

SOFT SKILLS

Strong Communication and leadership skills, Problem Solving skills, Team Building Skills, Business Decision Making, Creativity and Team work.

CERTIFICATIONS

- **AWS Certified Solutions Architect - Associate**
- **AWS Certified Developer - Associate**
- **Microsoft Certified Azure Fundamentals AZ-900**
- **Infosys Certified AWS Public Cloud Associate**
- **Infosys Certified Cloud Test Engineer**
- **UDEMY Certified AWS DevOps Engineer Professional**
- **UDEMY Certified Kubernetes Administrator**
- **UDEMY Certified Linux Professional**
- **UDEMY Certified AWS CloudFormation Expert**

PROFESSIONAL EXPERIENCE

Business Technology Analyst - AWS DevOps
Jan '22 - Present

Deloitte USI
Gurugram, IN

Environment: AWS Cloud and Devops
Technology: AWS Serverless services, AWS Lambda, DynamoDB, API Gateway, Python, AWS Cloudfront, AWS EC2, AWS VPC, Security Groups, AWS CDK in Typescript, AWS S3, Redis, ElastiCache, AWS Cloudwatch, AWS Kinesis Firehose, AWS WAF, AWS CloudFormation, AWS IAM, AWS RDS, Git, GitHub, Datadog, Serverless Framework, Jenkins for CICD Pipeline,Groovy scripting, Sonarqube, JSON, YAML etc.

Roles and Responsibilities for the project:
AWS Setup & Architecture

- Create highly available and fault tolerant infrastructure by using AWS CDK and it helps clients and users to access application 24/7.
- Writing IAAC using AWS CDK in Typescript to deploy and integrate various AWS resources i.e. API Gateway, Lambda, DynamoDB,S3, AWS Cloudfront, Redis, Elasticache, Kinesis Firehose and many more.
- The CDK stacks are highly flexible and dynamic to create multiple environments in project i.e. dev, sit2,qa1,qa1, pre-prod and prod environments.
- Leveraging AWS CloudFormation to create IAM related resources and it helps clients to get highly secure environment.
- Writing CI/CD Jenkins Pipeline groovy script to deploy applications automatically on different environments.
- Automate CICD build in jenkins pipeline to take latest git tags, build, deploy and then propose deployed git tag to releases in GitHub.
- Performing automation of 90-95% manual task so it led clients to save 90% project hours.
- Integrating 3rd party tools i.e. Datadog , SonarQube etc. which helps clients for granular monitoring of 95-100% lambda logs and code quality.
- Integrating several AWS services to build dynamic application.
- Proposed optimal solution to client for further automation in Jenkins file which led clients to rollback application deployment within few 2-5 mins. during failover.
- Using serverless Framework in AWS to build highly scalable application which helps users and clients to access application at the time of request bombardments.
- Learning new skills and technologies and performing continuous R&D on complex issues to provide optimal solutions to client.
- Prioritize client requirements appropriately and take immediate action.

AWS Monitoring & Refactoring:
- Monitoring AWS resources by AWS Cloudwatch metrics.
- Leveraging AWS Cloudwatch logs and AWS Cloudwatch Logs insights.
- Using Kinesis Firehose as a Cloudwatch Logs Subscription filter.
- Monitor resources at a single place by Cloudwatch dashboard and also create cloudwatch alarms
- Integrating AWS Cloudwatch Logs, Kinesis Firehose and Datadog to monitor all lambda logs in Datadog dashoard.
- Improving code quality by Sonarqube.

Systems Engineer - AWS Infra   Nov '19 - Dec '21

Infosys Pvt. Ltd.   Indore, IN

Environment: AWS Cloud
Technology: AWS EC2, AWS VPC, Subnet, EBS, EFS, ELB, AWS Cloudwatch, AWS IAM, Lambda, SNS, SQS, SES, AWS Cloudtrail, AWS S3, AWS Global Accelerator, RDS, Route53, Certificate Manager, AWS Config, AWS Security Hub, AWS Cloudfront, AWS ECS, Active Directory, Linux Admin, Windows Admin.

Roles and Responsibilities for the project:
- Hands on experience in **AWS provisioning of systems**, securing of VPC, implementation of security groups, Snapshots, Backups, restore and disaster recovery.
- Setup a **VPC environment** & designed an effective backup strategy depending upon client requirements.
- Created Amazon **EC2 instances** and migrated all existing set up to AWS Cloud.
- Successfully ported an on-premises application to AWS and achieved **significant increase in availability**.
- Involved in designing and deploying multiple applications utilizing almost all the AWS stack (**including EC2, EBS, EFS, S3, RDS, VPC, IAM, ELB, Lambda**) focusing on **high-availability** and **Load balancers**.
- Select EC2 instances based on **purchasing options** and the requirement of Client.
- Firm knowledge on analysing the usage of devices and **scale up/scale down** the devices to maintain the load.
- Proven expertise in process improvements, technology refresh cycles and ongoing maintenance.
- Setting up and managing Instance on AWS Cloud and upgrading the RDS instances based on request.
- Analysing the environment and implementing best AWS practices to reduce the **billing cost** to the customer.
- Involved in creating **AWS Cloudwatch Dashboards** as per requirement for **monitoring** devices easily and quickly.
- **Automating server scheduling** and monitoring using **Cloudwatch** based on Asia-Pacific timings.
- **CPU Utilization Reports** and monitoring via Cloudwatch.
- Logging **Cloudwatch alarms** in **S3** bucket in **JSON** format as well as **MS Teams** channel as a notification using **AWS Lambda(Python 3.8)** and **AWS SNS**.
- Server Access to bulk users in **Active Directory** using **Powershell** script.

EDUCATION

ITM - Gwalior, M.P.   Aug '15 - May '19

Bachelor of Engineering (M.E.)   Gwalior, IN
- Graduated out in 2019 with **First Division With Honours** (81.3%).
- Silver Medalist in Academic Performance.