Prateek Rastogi

AWS DevOps Engineer

Contact no: +91 7409641263
Email ID: rpratik92@yahoo.com ; rpratik92@gmail.com
LinkedIn: linkedin.com/in/prateekrastogi92
Total Experience: 3 years 5 months

aws ✓ CERTIFIED
🎁 Solutions Architect - Associate
🎁 SysOps Administrator - Associate

Professional Summary

Cloud DevOps Engineer with experience in **DevOps**, **Amazon Web Services (AWS)**, Cloud Infrastructure Implementation, CI/CD process, IaaS, PaaS, FaaS (AWS Lambda), Continuous monitoring (Prometheus and Grafana), Software Configuration Management, Containerization and Infrastructure as Code (IaC).

Technical Skills

Operating Systems	Linux, MacOS
CI/CD and DevOps	Terraform, Ansible, Jenkins, Bamboo, Prometheus, Grafana, Git, SVN, Ant, Maven, Bitbucket, Docker, Kubernetes
Scripting Language and Databases	Python 3, Shell, PostgreSQL
Cloud Platforms	Amazon Web Services (AWS)
Amazon Web Services (AWS)	AWS Lambda (Serverless), Amazon EC2, Amazon IAM, Amazon S3, Amazon VPC, Route 53, Amazon RDS, CloudFront, CloudWatch, AWS Systems Manager, AWS CloudTrail, ElasticBeanstalk, SNS, CodeBuild, CodeDeploy, CodeCommit, CodePipeline, CodeStar, SQS, CloudFormation etc.
Other Tools	Atlassian tools viz. Jira, Confluence and Crowd. Oracle Weblogic Server, Apache Tomcat, MSBuild, HP- Quality Center

Certifications

- **AWS Certified Solutions Architect – Associate**
  Issue Date: August 12th, 2018
  Expiration Date: August 12th, 2021

- **AWS Certified SysOps Administrator – Associate**
  Issue Date: January 15th, 2019
  Expiration Date: January 15th, 2022

- **CP-MAT**
  Issue Date: January 23rd, 2017
  Expiration Date: January 22nd, 2022

Trainings and AWS Accreditations

- o **Agile Methodology**
  Institution: Agile Testing Alliance (ATA)
  From: January 21st, 2017
  To: January 22nd, 2017

- o **AWS Technical Professional**
  Institution: Amazon Partner Network (APN) Accreditations
  From: January 05th, 2018
  To: January 25th, 2018

- o **AWS Business Professional**
  Institution: Amazon Partner Network (APN) Accreditations
  From: January 05th, 2018
  To: January 25th, 2018

- o **System Operations on Amazon Web Services**
  Institution: Koenig Solutions
  From: December 22nd , 2018
  To: December 25th, 2018

Project Details

- **HSC Atlassian Cloud Migration**

  - o **Company Name:** Addteq Software India Pvt. Ltd.
  - o **Duration:** April 2019 – Till date
  - o **Tools:** AWS Cloud, Jira Data Center, Confluence Data Center, Python, AWS Simple Monthly Calculator, Terraform
  - o **Role : Cloud Engineer**

  - o **Description:** The project was to setup Jira and Confluence data center on AWS cloud with HA and DR implemented
  - o **Responsibilities:**
    - AWS Infrastructure design for High Availability and Disaster Recovery
    - Cost estimations for the infrastructure on AWS.
    - Implementation of the architecture using Terraform templates
    - Management and Monitoring of the infrastructure.

- **American Bureau of Shipping (ABS)**

  - **Company Name:** Addteq Software India Pvt. Ltd.
  - **Duration:** Dec 2018 – April 2019
  - **Tools:** Jenkins, Python, Weblogic, Jira, Confluence, Crowd, SVN
  - **Role : DevOps Engineer**

  - **Description:** The project was to setup Production Jenkins server for ABS and create different Build and Deployment jobs for different environments and products.
  - **Responsibilities:**
    - Installation of Jenkins Master and Jenkins Dev Servers. Configuring the servers behind reverse proxies.
    - Integrating Jenkins with Confluence and CROWD Active Directory.
    - Creating CI/CD Pipelines from scratch for different environments and products of ABS
    - Writing Python automation scripts for the CI/CD and Weblogic Deployments.

- **Bank of Ireland - AWS Cloud Migration and Automation**

  - **Company Name:** Capgemini Technology Services India Ltd.
  - **Duration:** July 2016 – Dec 2018
  - **Tools:** Python 3, Jenkins, Maven, Git, Ansible, Prometheus, Terraform, AWS Services, Grafana, AWS Lambda
  - **Role : AWS DevOps Engineer**

  - **Description:** The project was aimed at migrating and automating the Information Services tool of the Bank of Ireland Commercial Banking web application to the AWS Cloud Platform. CI/CD pipelines were created for the monthly releases. Lambda functions written using Python 3 (Boto3) were used to automate backups of Database instances, S3 buckets and other automations.
  - **Responsibilities:**
    - Provisioning of native AWS resources using Terraform as per the Infrastructure design.
    - Configuration Management and Deployments using Ansible playbooks.
    - Continuous Integration using Jenkins.
    - Monitoring Application servers using different time-series metrics of Prometheus.
    - Writing Python automation scripts and creating AWS Lambda functions to automate manual processes of backups etc.

- **HSBCnet Automation Testing and CI/CD implementation**

  - o **Company Name:** Capgemini Technology Services India Ltd.
  - o **Duration:** April 2016 – June 2016
  - o **Tools:** Jenkins, JUnit**,** Selenium WebDriver, Cucumber, Serenity, Maven, Git and GitHub
  - o **Framework:** Behaviour Driven Development (BDD)
  - o **Role:** Automation Engineer

  - o **Description:** The project was aimed at creating a suite of 10k Automation Test Scripts, using Selenium WebDriver with BDD Framework for HSBCnet application, covering all three tools of HSBCnet viz. Shared Services, Transaction Services and Account Services.
  - o **Responsibilities:**
    - ▪ Creating Automation Test Scripts and integrating them in the CI/CD pipeline
    - ▪ Monitoring the CI/CD server and generating reports of tests using JUnit Test Parser
    - ▪ Maintenance and modification of the Automation Test Scripts.

Academic Qualifications

Degree/Course	College/School	University/ Board	Year of passing
B.Tech	ABES Engineering College, Ghaziabad, India	Uttar Pradesh Technical University	2015
12th	Kendriya Vidyalaya No.1, Dehradun, India	CBSE	2011
10th	Kendriya Vidyalaya No.1, Dehradun, India	CBSE	2009

Personal Details

- **Date of birth:** August 12th , 1992
- **Father's name:** Mr. Mohan Rastogi
- **Passport:** M4489024
- **Marital Status:** Single
- **Nationality:** India