**ABHISHEK SONI**

Cloud & DevOps Engineer

+91-9654273987(WhatsApp)

kewlsethis@gmail.com

**PROFESSIONAL SUMMARY**

**Overseas Experience**

* Worked as Cloud & DevOps Engineer in Portal App for KTB Bank Bangkok, Thailand Jan-20 - Aug 2021.
* Worked as DevOps Engineer in ESB for Petronas, Kuala Lumpur, Malaysia 2018-19.
* Worked as Virtualization Stub Developer in Payment Gateway for Rabobank Utrecht, Netherlands 2015-16.
* Worked as Automation Tool Expert for Telecom based Provider Etisalat, Dubai UAE 2013 -2014.
* Worked as Automation Expert for DWP Insurance Domain Project based in Preston, UK 2012 -13.

Total Experience

* **14+ years of experience in IT industry and experienced in Designing & Architecting solutions on public Cloud on AWS platform. Experience in Linux Administration, Configuration Management, Continuous Integration, Continuous Deployment, Release Management and Cloud Implementations**
* Expertise in designing Automation frameworks for Banking, Insurance, Mobile and Finance domain Applications.
* Hands on experience in AWS, Kubernetes, Terraform, Helm, Linux, Docker, Jenkins, Prometheus, Grafana, Nginx and Networking of Docker Containers.
* Experience in DevOps and Build Release Engineer in web-based Applications using Git, Maven and Ansible.
* Infrastructure automation as a code (IAAS) using terraform.
* Hands on experience on writing Docker File, Maintaining the Docker Images, Docker Volumes, Port Mapping, Docker Storage and Orchestration using Docker Swarm.
* Configured Jenkins builds, code coverage and automated test cases in Jenkins.
* Good Knowledge on Containerization technology using Docker and Orchestration using Docker Swarm.
* Good Hands-on experience with Unix/Linux.
* Pipeline setup to microservice applications to ECS faregate using Jenkins’s pipeline.

**Company Wise Experience**

* Worked for ~11+ years as DevOps Engineer with IBM, Noida India from Jan 2010 to till October 2021.
* Worked for ~3+ years as Software Engineer with Infosys, Chandigarh, India from Sept-2006 to Dec-2009.

**Educational Qualifications and Certifications**

1. B.Tech. in Electronics and Communication from AKGEC College, UPTU University in 2005
2. Certified in AWS Solution Architect – Associate June,2020 (ID: WWR93SP1EFFQQ35H)
3. Certified in DevOps Architect Sept,2020 (ID: 23217114705126)
4. Certified in Azure Fundamentals April 2021 (ID: 991262055)

**TECHNICAL SKILLS**

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| AWS Cloud | **EC2, S3, Glacier, CloudFront, RDS, DynamoDB, VPC, VPN, Route53, Beanstalk, CloudFormation, CloudTrail, IAM, S3, CloudWatch** |
| Automation testing tools | Selenium, Postman, RIT, SoapUI, Rest Assured, Cucumber, Robot Framework, Ka talon Studio |
| Defect Tools | JIRA, HP ALM, Confluence |
| Database | Oracle, My SQL, DB2, Mongo |
| DevOps tools | GIT, Tortoise, Maven, Jenkins, GitHub, Eclipse, SourceTree, CI/CD, Chef, Puppet, Ansible, AWS, Docker, Kubernetes |
| Programming Language | Java, Python, JavaScript, TypeScript, Shell Scripting, Groovy |
| Web Server | Apache Tomcat, NGINX |
| Operating system | Linux, Ubuntu, Windows |

**PROJECT EXPERIENCE**

**IBM, Thailand – Krung Thai Bank, Bangkok (Onsite Role)**

Position DevOps/Cloud Engineer

Duration Jan 2020 – October 2021

Domain Banking – Cards & Fund Transfer Payment

KTB e-solutions is basically a Web and Mobile App for handling Customer Onboarding and Fund Transfer.

* **Created Toolchain with end-to-end build test and deployment using HELM charts**
* **Usage of IBM cloud features for IAM roles and management for project access**
* **Deployments performed on Development, Test and Production Environments.**
* **Implemented AWS solutions using EC2, S3, RDS, EBS, Elastic Load Balancer, Auto scaling groups. Designs and manages solutions using OpenStack and related technologies**
* Monitoring of Persistent volumes and persistent volume storage on Kubernetes platform.
* Infrastructure as a code automation Using Terraform on Public cloud platform AWS.
* Exposure on simple storage AWS S3 and S3 lifecycle rules for storage classes to utilize cost effectively.

**IBM, Malaysia – PETRONAS, Kuala Lumpur (Onsite Role)**

Position DevOps Engineer

Duration July 2018 – Dec 2019

Domain Oil and Petroleum Industry

Enterprise Service Bus Application is basically working as Middleware between different Applications. ESB has to process the incoming and outgoing webservices message to integrated SAP Applications.

* **Managed Git Branching strategy for applications by creating Release branches, Development branches to ensure the integrity of the code.**
* **Involved in build/Release management and carried out the quality product in UAT and Production.**
* Infrastructure as a code automation Using Terraform on Public cloud platform AWS.
* Setup and Managing VPC, Subnets, make connection between different zones.
* Creating snapshots, Custom AMIs and managing EBS volumes.
* Load balancing setup using AWS ALB, ECS and configured horizontal scaling (Scale in and out).
* Access management using IAM Users and Roles. Defined custom json policy statements for different identities.
* Worked on AWS ECS faregate cluster setup, created the task definition and services.
* Used ansible for patch management for several Linux machines on weekend schedules.

**IBM, India – American Express, Noida**

Position Build Release Engineer

Duration Mar 2017 – June 2018

Domain Banking Industry– Cards & Payments

Amex Application Module for handling Bills Payments System

* Worked on Build Tool Maven, Source Control Management GIT & Continuous Integration Tool Jenkins.
* Good knowledge in Continuous Integration setup. Configured multiple build jobs, integrated test cases, created distributed build environments, and performed plug-in installations, backup etc. using Jenkins.
* Daily activities include like scheduling builds for multiple projects, deploying the artefacts in multiple QA and Dev environments and debugging issues.
* Creating and maintaining the Jenkins slaves for distribution of load and run the parallel builds.
* Involved in Code reviews, Involved in User management module and review of template

IBM, Netherland - Rabobank, Utrecht (Onsite Role)

Position Virtualization Stub Developer

Duration Sept 2015 - Aug 2016

Domain Banking – Payments

FTM – IBM product enables only clean payment orders to be processed by external system like GPS or SWIFT. Messages based on SEPA Format like Swift (MT101, MT103).

* Understanding different Interfaces and automating via RIT Stubs for testing unavailable applications
* Worked in Team handling for Functional, Regression, Mobile, Web Services, API, Integration testing, System testing, SOA and User Acceptance testing.
* Perform Deployment of War files in Tomcat application servers using Jenkins’s plugin.

**IBM, India – Telefonica, Gurgaon**

Position Scrum Master

Client Telefonica, UK (Mobile Apps)

Duration July 2014 to Aug 2015

Domain Mobile App testing

VIVO (Mobile App) allows the customer to make payment to a card no or to a MSISDN (mobile no).

* Lead mobile testers over handset and simulation tools on iOS/Android/Appium/Device Anywhere over JIRA
* Understanding product / application features / requirements and define Test Strategy, Test Plan business scenarios and get signoff from clients regarding each acceptance criteria.
* Create Documentation for Application Deployment (WAR, JAR, EAR) in Domain and Clustered environments to achieve High Availability and Failover functionality.
* Configure GIT with Jenkins and Schedule jobs using Poll SCM option.

**IBM, UAE - ETISALAT, Dubai (Onsite Role)**

Position Automation Tools Expert

Client ETISALAT (Telecom)

Duration July 2013 to July 2014

Customer Order orchestration plan and the entire billing architecture were changed with this project.

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| * Designing of Test Conditions /Scenarios based on Traceability Matrix to have maximum coverage on all functional aspects and testing of business Rules of complex Application. * Provided technical solutions for Selenium/Appium with Python Scripting. * Expertise in QA Governance, process, inspection and audits knowledge |  |
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**IBM, UK - DWP, Preston (Onsite Role)**

Position QA Automation Lead

Client Department of Work and Pensions (Govt)

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| Duration Jan 2012 - June2013  Universal Credit – BPM Application was redesigned to provide the applicable Insurance policies over to Citizen   * Designed Automation framework for API Testing using service virtualization tool Green Hat (RIT). * Worked on automating test cases based on Requirements, Acceptance Criteria and Traceability Matrix * Responsible for deliverables, which includes Project Plan, Project Summary Report and Bug tracking. | | |  |
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**IBM, India – Vista, Gurgaon**

Position: Automation Senior Tester

Client: VISTA, Switzerland (Insurance)

Duration Jan 2010 to Dec 2011

* Worked in Framework Creation from scratch, Script Development and Maintenance. Keyword Driven Framework using Descriptive Programming for SAP business process testing.
* Doing Root Cause Analysis after Execution and reporting consistent defects to Manual team.
* Logging defects in Rational Quality manager and following it up till Closure.

**INFOSYS, India - FINACLE Banking Product, Chandigarh**

Position: Software Engineer

Client Banking – Loans and Payments

Duration Sept 2006 to Dec 2009

* Testing on different Modules of Core Banking Software Product, FINACLE like Limits, Collaterals, Islamic Banking and Term Deposits. Developed Framework for executing Test cases via Rational Functional Tester using Descriptive Programming in Java.
* Web based application tested on multiple browsers and tested for entire loan life cycle test scenarios.

**PERSONAL DETAIL:**

**Address** Noida, Uttar Pradesh India

**Date of Birth** 20 - Dec -1982

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October, 2021 ABHISHEK SONI