

Neha Singh

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Profile

DevOps Engineer, working with Tata Consultancy for almost 3 years; and in all my roles, my work involved technical architecture, infrastructure management, and interacting with multiple business units for on-schedule delivery of projects.

I have played a techno-functional role and my responsibilities included:

- Infrastructure Management – Building up infrastructure for Agile
- Operational Management – Carrying out day to day tasks seamlessly
- Incident Management – Troubleshooting ad hoc Issues
- Problem Management – Identifying Pain Areas and suggesting improvements
- Impact Assessment for new Change Requests, interacting with Project Sponsors/Financial Approvers for business requirements.
- Grooming team members and helping them in sorting technical/functional problems they encounter during the project

Career Snapshot

- Total of 2.8+ years of work experience
- Have been promoted in consecutive cycles –Support Executive to Jira Developer, Jira Developer to Migration Engineer, Migration Engineer to DevOps Engineer.
- Worked as Agile SME to help multiple clients with Agile implementation.
- Worked as Lead Engineer in Disaster Recovery Environment Setup and testing for applications- Jira, Confluence.
- Experience on tools such as Jenkins, Git, docker, Jira, Confluence, SonarQube and Kubernetes in DevOps.
- Brief Knowledge on AWS Services and application setup on AWS EC2 instances.
- Worked as a Unix and database admin.
- Have worked on both Application Development and Application Maintenance projects.
- Been part of International acclaimed organization, Toastmasters (public speaking platform). Served as Secretary, Vice-President Membership & President for the club continuously for three half-yearly tenure.
- Received Star of the month and multiple Maitree awards – with Resources and Public Sector clients.

Work Experience

TCS (August 2019 – present)

Certifications Pursuing

- AWS Solutions Architect Associate: Planned for Q1 2022

Technical Skill Set

- Technology : DevOps, Agile, AWS
- Languages : SQL, Java, Python, .NET, PHP, HTML
- Databases : Oracle, MySQL, PostgreSQL
- Packages/Tools : SQL Developer, Eclipse, Android Studio, Putty, Jenkins, Git, Docker, Jira, Confluence, AWS, Kubernetes, SonarQube, Splunk, Visual Studio
- OS : Windows, Linux

Work Experience

Role : Support Executive/Jira-Confluence Administrator, TCS

Technical and Functional Assignments:

- Troubleshooting Environment related issues.
- User Access Provisioning and Configuration through LDAP/Active Directory. Work upon nested LDAP groups configuration for user automation
- Worked on implementing SSO, Load Balancers for various applications
- Jira Project level configuration from basic to advanced workflows with conditions, validators, post functions etc. Implemented Post functions and Behaviors through Groovy Script for required conditions
- Plugin setup from initial to advanced level like EazyBi, Script runner, GitHub Integration etc.
- Experience in installing Jira, Confluence and other DevOps and Agiletools from scratch for multiple clients
- Worked on creating User Requirement, Design, and other documents for the project
- Produced various guides which would help the team in future
- Worked upon Confluence Space setup with customized macros (OneDrive, contributors, labels etc.) in pages.
- Brief knowledge on Linux command
- Created application based on Java/Spring code which allows use of Jira/Confluence API to generate customized project-wise reports.

Role : Jira Developer/Migration Engineer

Technical and Functional Assignments:

- Worked as a lead Migration Engineer on Consolidation project (i.e., migrated Jira projects and Confluence Spaces from Server, DC to different instances and vice-versa). Approximate project count: 350+
- Created multiple replica environments from scratch to use it in migration and data restoration process.

- As a lead Developer, worked upon integration of application through database (Oracle, MSSQL, LDAP etc.), DVCS tools like Azure, GitHub etc.
- Lead Engineer in Disaster Recovery Node setup for the applications
- Worked with REST APIs to integrate applications and retrieving data as per requirement.
- Maintenance of Development and Test Environments - Ensuring availability, Incident solving
- Created multiple Linux Automation Scripts to reduce daily workload
- Produced various installation and troubleshooting guides which would help in resolving various issues
- Did Enhancement on User Reauthentication and existing process in application to allow user automation (User Count>6000)
- Brief knowledge on Groovy Scripts for customization in applications.

Role : DevOps Engineer

Technical and Functional Assignments:

- Worked on DevOps tools such as SonarQube, Jenkins, GIT and Docker
- Experience on Docker networking and port related topics
- Troubleshooting Environment related issues
- Provided DevOps and Agile presentations to clients
- Knowledge regarding moving infrastructure of various applications on EKS (Kubernetes)
- Knowledge on AWS services (Compute, Storage, Database, Networking etc.)
- Did POC to implement the distributed system (Jira and Confluence application) on AWS(AWS Solution Architect)
- Made multiple technical and process related recommendations
- Worked as Lead Engineer to setup the SonarQube Data Center instance with app and elastic nodes on AWS EC2 instance with ELB configuration.
- Integrated applications with GitHub Enterprise and created workflow files to use GitHub Actions (CI/CD)
- Worked with GitHub Self-Hosted Runners for processing jobs
- Worked with Jenkins pipeline (jobs & build triggers)

Education

2019 : Bachelor of Engineering in Computer Engineering from GEC, Bhavnagar
 2015 : Higher Secondary Certificate from CBSE board
 2013 : Secondary School Certificate from CBSE board

Miscellaneous

Date of Birth : 12th Dec 1997
 Passport : Valid till 2029