

Contact details

Name: Mohd Saheel Sayed
Nationality: Indian
E-mail: saheelrock69@gmail.com
LinkedIn: www.linkedin.com/in/mohdsaheelsayed
Location: Mumbai, IN

Build and Configuration Manager, DevOps Engineer

Having worked as a **Senior Software Engineer** at one of the leading multinational organization **Capgemini** with over **2.8** years in **software development** and **DevOps**, have detailed technical knowledge and hands-on experience of **Build Engineering, Configuration Management, Automation** and **DevOps** from a development background

Extensive experience in the design and implementation of **Continuous Integration, Continuous Delivery, Continuous Deployment** pipelines and **DevOps** processes for **Agile** projects

Automating and improving manual processes with a range of technologies, techniques and platforms including **Java, Jenkins, Subversion, Git, Oracle, UNIX/Linux, VM Ware, Docker, Vagrant, Chef, Puppet, AWS, Android**, across the Information and Technology Sectors

Key skills and experience

Languages: Java, Shell scripting, Ant, Maven, JSP, XPath & XSLT, some C/C++, Perl, Python, Ruby and .Net
Version Control: Subversion, Git, Perforce, CVS
Automation/Build: Jenkins, JNLP Slave Nodes, Docker, Chef, Ansible, Puppet, Nexus, Ivy, Artifactory, TeamCity, Bamboo
Testing tools: SonarQube, Selenium, EMMA, Cucumber, WebDriver, Junit, DBUnit, JaCoCo, Jmeter, etc
Monitoring Tools : New Relic, Zabbix, Java Melody
App/Web Servers: WebLogic, WebSphere, Tomcat, JBoss, Apache, Atlassian JIRA & Bamboo, IIS
Databases: Oracle, MySQL, Sybase, Postgres
Virtualization: VM Ware ESX/ESXi, Docker, Kubernetes, OpenShift, Amazon AWS/EC2, Vagrant
Platforms: Linux and UNIX, Android, Solaris, Windows

- Designing and implementing Continuous Integration, Continuous Delivery and Continuous Deployment pipelines for a range of projects and environments including Middleware, Database, Front End and Android
- Automating environment build and provisioning using virtualization, containerization and orchestration tools with Docker, VM Ware, AWS, Vagrant, Open Stack, Red Hat Satellite, Chef and Puppet
- Introducing and implementing DevOps solutions for a range of Agile projects, creating automated building, deploying, monitoring and reporting solutions
- Experience using, managing, implementing and automating a range of Version Control systems including Subversion, Git, Perforce and CVS

Career Profile

Working with Capgemini for 2.8 years as a DevOps Engineer. During my tenure at Capgemini, I have worked on multiple projects and products Below are the projects that I have worked on.

MRY(MyRailYard) – Capgemini client (GE Transportation)

Role: **DevOps Engineer**

Environment: Jenkins, Linux, CHEF, Java, Ant

- Creating and maintaining fully automated CI build and deployment infrastructure and processes for multiple projects
- Using **Jenkins, Chef, Artifactory, Ant & SVN**
- Developing **Ant** Scripts to support Development and Testing Teams and their pipelines; distributed **Jenkins**, and used **ElasticSearch, Kibana** and **Logstash (ELK & EFK)** etc
- Working closely with architecture, development, test, security and IT Services teams
- Providing Monitoring, Logging and Alerting services using **Elasticsearch** and the **ELK** stack
- Developing scripts for build, deployment, maintenance and related tasks using **Jenkins, Maven, Python** and **Chef**
- Installing, configuring and maintaining Continuous Integration and automation/configuration management tools
- Set up Multiple of instances on Linux virtual machines for app teams to work on multiple Hosts.

TO (Trip Optimizer) – Capgemini client (GE Transportation)Role: **DevOps Engineer**

Environment: Jenkins, Linux, CHEF, Java, Ant, Maven

- Creating and maintaining fully automated CI build and deployment infrastructure and processes for multiple projects
- Using **Jenkins, Chef, Artifactory, Ant/Maven & SVN**
- Developing **Ant** Scripts to support Development and Testing Teams and their pipelines; distributed **Jenkins**, and used **ElasticSearch, Kibana and Logstash (ELK & EFK)** etc
- Working closely with architecture, development, test, security and IT Services teams
- Providing Monitoring, Logging and Alerting services using **Elasticsearch** and the **ELK** stack
- Developing scripts for build, deployment, maintenance and related tasks using **Jenkins, Maven, Python** and **Chef**
- Installing, configuring and maintaining Continuous Integration and automation/configuration management tools
- Set up Multiple of instances on **Linux** virtual machines for app teams to work on **multiple Hosts**.
- Managing multiple **nodes** and set them up for **scaling** during runtime.

MCS (Management Console System) – Capgemini client (GE Transportation)Role: **DevOps Engineer**

Environment: Jenkins, Linux, CHEF, Java, Ant, Maven

- Creating and maintaining fully automated CI build and deployment infrastructure and processes for multiple projects
- Using **Jenkins, Chef, Artifactory, Ant/Maven & SVN**
- Developing **Ant** Scripts to support Development and Testing Teams and their pipelines; distributed **Jenkins**, and used **ElasticSearch, Kibana and Logstash (ELK & EFK)** etc
- Working closely with architecture, development, test, security and IT Services teams
- Providing Monitoring, Logging and Alerting services using **Elasticsearch** and the **ELK** stack
- Developing scripts for build, deployment, maintenance and related tasks using **Jenkins, Maven, Python** and **Chef**
- Installing, configuring and maintaining Continuous Integration and automation/configuration management tools
- Set up Multiple of instances on **Linux** virtual machines for app teams to work on multiple Hosts.
- Managing multiple nodes and set them up for scaling during runtime.

Capgemini Products – Internal ApplicationsRole: **Build Automation and Configuration Manager and DevOps Architect**

Environment: Jenkins, Subversion, Continuous Integration, DevOps, Agile, Maven, Nexus, Ant, Java, UNIX/Linux, VM Ware

- Introducing and implementing **Continuous Integration** principles and practices for the Development Team using **Jenkins & JNLP Nodes, Sonatype Nexus, Subversion, VMWare, JUnit, Jmeter, SonarQube, JaCoCo, Selenium**
- Developing automated process for builds and deployments; **Jenkins, Ant, Maven, Sonatype Nexus, Shell Script, Java**
- Set up and maintained fully automated Build and Test processes for all the microservices and UI related modules.
- System and User Administration – responsible for the maintenance of **DHCP, DNS, LDAP, AD and NFS** services on **Windows** and **Red Hat Enterprise Linux** in Development environments
- Automating the installation, deployment and maintenance of Middleware Application Servers to **RHEL Development** and Test Environments on **VMWare ESX**
- Creating bespoke tools to support and enable **Continuous Integration, Continuous Deployment** and system monitoring/reporting; using **JSP and Shell Scripts with a MySQL** database, harvesting data from various sources and API's to provide consolidated and automated **live reports**
- Developed systems to enable baselining and tracking of different types of Reference Data; automated the creation and labeling and adding to version control, then set up push-button deployments from Subversion to Oracle Databases via Jenkins and **JNLP Nodes**, with full auditing and user authentication and authorization provided by the **corporate Active Directory**

DevOps Enabler Platform – Internal Product/ Tool

Role: **Build Automation and Configuration Manager and DevOps Architect**

Environment: Jenkins, Subversion, Continuous Integration, DevOps, Agile, Maven, Nexus, Ant, Java, UNIX/Linux, VM Ware

- Role Based User Access for Project Manager, User and Admin.
- Application is used by admin users to accept and respond to access requests to tools and the platform.
- Users to onboard the application to the platform for security checks and tests.
- The application makes use of **Code Coverage, Security test, Performance tests and automation testing tools for application analysis.**
- Application makes use of **Jenkins** to integrate all these tools to one single platform.
- The Primary Database used is **MySQL** which store all application and projects Data.
- The Authentication Used in the application is **LDAP** to validate through **GDC** system login database.
- The application has a single one-click dashboard that shows the complete status of the application in terms of all the tests done and checks covered.
- The tools used and integrated are :
 - **Jenkins** – Integration tool
 - **Sonarqube** – Code Quality tool
 - **Junit** – Emma and coverage
 - **Yasca** – Security check
 - **Checkmarkx** – Security check
 - **Chef** – Deployment automation
 - **Cloud Foundry** – Automated Cloud deployments
 - **Selenium/SoapUI/Sahi**- Automation Testing
 - **Zabbix / New Relic** – Performance monitoring
- Development of the backend code using **Spring Web Flow** and **JPA/Hibernate** technologies.
- Integrating **Jenkins** with all the tools for checks and tests used by the platform.
- Development for **JSP** pages and integrating with **JQuery** and **Ajax** to make it interactive and robust.
- Writing Chef Recipes in **Ruby** for Deployment automation and application setup and installation on corporate systems.

Education and Qualifications

- Vartak College - Vasai, Currently Pursuing **MSc Computer Science** - Second year (2016-2018)
- **Bachelor of Computer Science (BSc (Computer Science))** – Royal College of Arts, Science and Commerce. (2012-2015) (68% aggregate)
- Sri L.P.Raval Junior College of Science and Commerce (**HSC, Computer Science**), (2010-2012) (67% average)

Rewards and Recognitions

- Igate level-1 Training in J2EE.
- **Predix** Certification
- Star of the Week Award – **Twice**
- Present in **the DevOps Experts panel** in **Capgemini**
- Presented the **Enabling Champion** Award for **Excellent Performance** at both Client side and Capgemini end.

References are available on request