

Jeemi Sinha

B.E (Computer Science), MTech(Software Engineering)
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Professional Profile

- Total **4.7 years** of competitive experience in IT industry using **DevOPs Toolset**.
- Extensive Internet based software build and deployment experience using DevOPs based technologies
- Effective in working independently and collaboratively in team.

Professional Experience

- Currently working as **Software Engineer in Fidelity Investment** from June 2020 till date.
- Worked as **Software Engineer in Synup**, Bangalore from October 2019 to May 2020
- Worked as **Software Engineer in Accenture**, Bangalore from November 2018 to October 2019
- Worked as **Associate Software Engineer in CGI**, Bangalore from May 2016 to October 2018.

Accredited Certifications

- **Red Hat** Certified System Administrator (**RHCSA**) Certified in June 2018
 - CERTIFICATION ID: 180-118-770
- Certified Kubernetes Administrator (**CKA**) in November 2020
 - CERTIFICATION ID: LF-1ov777e3yx
- **AWS Certified Solutions Architect** – Associate in March 2019
 - Validation Number HEMSG37CDBBE1EKH
- **AWS Certified SysOps** Administrator – Associate in June 2019
 - Validation Number F35NYW8CDBF112W2

Areas of Expertise

Cloud Technology: EC2, VPC, EBS, AMI, EBS, Cloud Formation, AWS Config, Autoscaling, IAM, S3, ELB, Route53, DMS

Configuration management Tool : Ansible

Containerization : Kubernetes, Docker

Continuous Integration Tool : Bamboo

DBMS Management Tool : Liquibase.

Repo Management : Bitbucket

Code Quality Tool : SonarQube

Scripting : Shell Script

Web/App Server : Apache Tomcat

Languages : Basics of Core Java

RDBMS : MySQL and Oracle.

Operating Systems : Windows and Linux.

Build Tool : Maven

Subversion Tool : SVN

Quality Management Tool : Atlassian JIRA.confluence

Other Skill : Linux System Administration

Education Credentials

- **MTech - Software Engineering** from Rungta College of Engineering and Technology, bhilai (2012-2015)
- **B.E – Computer Science** from Shri Shankaracharya Institute of Technology and Management,

Bhilai (2008-12).

Key Projects Handled

1. Fidelity (18th June - till date)

- Taking care of auto-scaling patching/rehydration
- Automation script for decommission spring-boot and tomcat applications

2. Synup (07th October 2019 – 05th June 2020)

- Taking care of all build and deployment in all environments (UAT, API, Prod and Non-Prod)
- Troubleshooting issues with Load Balancing, Auto scaling, RDS in AWS
- Troubleshooting issues with Pods and Nodes in all environments
- Setting up Prometheus with Grafana
- Debugging issues with IAM permission related to S3 and other services
- Monitoring internal components with python
- Scheduling script for DB/consul backup with docker clean up

3. Accenture (15th November 2018 – 04th October 2019)

Vistra

Roles:

- Upgrading Chef-client in Prod and Non-Prod servers
- Creating Databag specific to respective servers
- Debugging Windows/Linux machines for Chef-client installation
- Setting up chef recipe for Server Migration.

Advanced Technology Centres in India

Roles:

- Setting up ADOP-c Platform for projects
- Configuring SSL for project to redirect to Https
- Setting up and Configuring OpenLDAP Server
- Setting up and configuration of OpenVPN Server
- Debugging ADOP instance failure
- Modifying Cloud Formation/Security Group/EC2 instance according to Project requirement
- Updating and managing Docker Images in Docker hub
- Experience in AWS Cloud platform and its features which includes EC2, VPC, EBS, AMI, EBS, Cloud Formation, AWS Config, Auto scaling, IAM, S3, ELB
- Implementation of Auto Scaling for instances under ELB using ELB Health Checks.

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Roles:

- Migrating SVN repo to New Cloud instance

4. CGI : (16th May 2016 – 26th October 2018)

Project Title : Wealth 360

Position : Associate Software Engineer

Database : Oracle 10G

Tools: Bitbucket, bamboo, jira, confluence, sonarqube, new relic, shell script, ansible, docker

Description:

Wealth management software product used for portfolios management, used by investment Bankers. Build on using Java technologies, frameworks: Swing (UI), Spring, REST Webservices, Spring Batch (defines execution steps for processes), Hibernate (JPA Query), JRXML (report generation) Back-end: Oracle DB.

Role :

- Take care of complete build and deployment for all lower environments
- SonarQube integration in bamboo server with MySQL DB/Oracle.

- Bamboo upgradation
- Setting up New Environment. (Ansible Method, With docker)
 - Database configuration changes in the VM server.
 - Ansible Configuration Changes.
 - IDP & RP configuration changes.
 - Bamboo Build & deployment plan creation.
- User Management (ACL) for Atlassian Product (JIRA, Confluence, Crucible, Bitbucket and Bamboo)
- NewRelic Configuration changes for new VM's
- POC's (Puppet,ELK,Kubernetes,docker)
- Database Change Management with Liquibase
- Activemq clusterization and camunda cockpit installation

MPower:

Fund Accounting product used for analysis, verification and reporting of funds available under different asset classes of individual investors account. Build on Angular JS, Java, JRXML, Oracle and a third party API called StrongHold.

Roles:

- Bamboo Plan Creation / Configuration changes
- Deployment plan creation with ansible and docker.
- User Management (ACL) for Atlassian Product (JIRA & Confluence)

Tech Refresh

Roles :

- Bamboo Plan Creation / Configuration changes
- SOA test installation and configuration and script automation for regular test results.
- Microservices script for deployment
- Microservices build plan and deployment plan creation
- User Management (ACL) for Atlassian Product (JIRA & Confluence)

Digital Advisor

Roles :

- Managing build and deployment for microservices
- Bamboo Plan Creation / Configuration changes
- Branch Creation in Bitbucket repository.
- SOA test installation and configuration, automated for regular test results.
- Microservices script for deployment
- Microservices build plan and deployment plan creation
- User Management (ACL) for Atlassian Product (JIRA & Confluence)

Personal Details

Name	- Jeemi Sinha
D.O.B	- 23-11-1990
Nationality	- Indian
Languages Known	- English, Hindi
Hobbies	- Internet Surfing ,Playing Cricket.

DECLARATION

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

Date:

Place:

Signature