

# Avinash Balasa

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## Summary

- Software engineer having 3+ years of experience in Analysis, Design, Development and Maintenance of applications using Java/J2EE Technologies like Hibernate, Spring Boot, Vert.x and CI/CD tools like Git, Bitbucket, SVN, Jenkins, Artifactory, Ansible tower, IBM Urbane code tools with rich knowledge of SDLC concepts and Microservices.
- Excellent communication and presentation skills. Experience working with business users as well as senior management.
- Hardworking, dedicated and motivating person capable of forming and maintaining positive and productive team environments and with integrative thinking skills.
- Have been consistently rated the best in all of the Annual appraisals.
- Five times best performer of the month in Bank of America project.
- OnSpot Award for conducting HR Sports activities across TCS BOA Chennai.

## Experience

Tata Consultancy Services | Bank of America Client  
Java Developer 11/2018 – present

- Develops solutions using Vert.x, Spring boot, Hibernate, RESTful services, MySQL.
- Functioning as a developer to follow DevOps practices within the phases of SDLC, adopting CI/CD pipelines with jenkins as code, automated builds and artifacts publish and application deployment.
- Develops Rest APIs to CRUD the data from MySQL DB to endpoints, custom APIs to communicate with CISCO, Unity APIs using Microservices to automate the IT infrastructure within the Bank.
- Collaborated with the clients and developed Audit logging for primary inventories and enabled OAuth2 Authentication for custom API gateway.
- Does unit tests using Junit, whitebox testing using postman and End to end testing of APIs developed using swagger and postman.
- Developed a test-suite application to run scheduled test cases on all our APIs and generate status to verify stability after the release.
- Using JIRA tool for sprints, stories assigning and defect management.
- Actively participates in the daily scrum meetings to produce quality deliverables within time.
- Became a go-to person for fellow developers, client managers for CI related work.
- Created Jenkins file and playbooks using common libraries to build and deploy for the projects as soon as I was deployed in the team which gained client appreciations.

Tata Consultancy Services | Bank of America Client  
SCM/Devops Engineer 07/2016 – 10/2018

- Automated build and deployment using Jenkins pipelines to reduce human error and speed up production processes.
- Lead the strategy for migrating from Subversion to Bitbucket, uBuild to Jenkins and uDeploy to Ansible tower by conducting recurrent webex and skype meetings with application teams and Middleware teams.
- Collaborated with App team to broadcast the latest methods in branching and also to enable sonar scan to test the code quality.
- Installed Ansible Playbooks and templates to deploy, configure, and manage several hosts for three tier applications on Ansible tower.
- Being the only offshore contact, been given ownership of environment onboarding tasks on uDeploy and responsible to approve any Emergency Migrations during code freeze based on the impact over the other applications.
- Conducted internal sessions on the new SDLC tool set, knowledge transfer to new team members and documented the entire process.

## Education

VR Siddhartha Engineering College - 7.69 CGPA  
2012-2016. Bachelor of Technology

## Skills

- **Languages:** JAVA JDK1.7/1.8, linux, C, bash shell scripting, SQL, PL/SQL
- **J2EE Technologies:** Servlets, Hibernate 5, REST, JDBC
- **Frameworks:** Spring Core, Spring Boot, Hibernate, Vert.x, Apache kafka
- **Web Technologies:** HTML, Javascript
- **Databases:** My SQL, SQL Server Management
- **Web & Application Servers:** IBM WebSphere, Apache Tomcat
- **Developer Tools (IDE):** Eclipse, IntelliJ IDEA Ultimate, Postman, MySQL workbench, Swagger, visual studio code, Postman, Microsoft Visio, VirtualBox
- **SDLC Tools:** Tortoise SVN, GitHub, Git Bash, BitBucket, maven, Apache Ant, Apache Log4j, JUnit, Jfrog's Artifactory, Jenkins, Ansible playbooks, Ansible tower, IBM uBuild, udeploy, Grinder
- **Operating Systems:** Windows 7/10, Linux/Ubuntu 18.04
- **SDLC Methodologies:** Waterfall, Agile, DevOps
- **Reporting Tools :** JIRA, Sharepoint, Nexus, BMC Remedy Tool
- **AWS :** EC2, IAM, S3