Ankita Barbi

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MCA   **2014**   **NIT WARANGAL**   **8.31 GPA**

PROFESSIONAL SUMMARY

Software Engineer - TRICON INFOTECH Pvt. LTD.   **Nov, 2017 – PRESENT**

End to End DevOps implementation for one of the World's Learning Company

· Implementation of the devops stack for one of the Open Source application LRS and deploying the same to AWS using Jenkins, RPM package, Chef, MongoDB, ElasticCache, HAproxy in their various working Environments.

Migration of the in-house application to AWS

· Architecting the AWS architecture and implementation of the devops stack (immutable infrastructure) for the on premise microservices and migrating the same to AWS using the various devops technology stack like AWS, terraform, Eureka, Jenkins in various working environments.

· Implementing the ELK stack for the same project and also implemented a variant for the same

· Worked on various AWS services like VPC, EC2, S3, Lambda, CloudFront, Elastic Cache, API gateways, Cloudwatch, RDS, SQS and so on.

End to End DevOps implementation for one of the biggest e-commerce US Client

· Implementation of the devops stack (immutable infrastructure) for the on premise microservices and migrating the same in GCP using the various devops technology stack as vault, consul, terraform, packer, GCP, docker, HAproxy

· Troubleshooting and supporting the existing MOSAIC (Microservices Application Infra Centre) environment consisting of GCP, docker, vault, Consul, terraform, Packer, Jenkins

· Deployment of the microservices in blue / green channel

DevOps TECHNICAL CONSULTANT - DEVTOOLS Pvt. LTD.   **SEP, 2016 – Nov,2017**

End to End DevOps implementation for one of the e-commerce Client

· Implementing the DevOps stack, to make it simple and user friendly.

· Customizing JIRA, Confluence & Bitbucket – setting it as per the business requirement, integrating Jira, confluence, Bitbucket and Jenkins together to have seamless CI/CD flow.

DevOps advice & consultation to one of the Clients

· Developed DevOps POCs for the various teams which they implemented in their programs.

· Worked with them most on Jenkins, Ansible, AWS, Gerrit, role based access for various tools.

· Was coordinating with the teams to help them overcome the challenges.

Upgraded JIRA Core from version 4.4.3 to 7.2 & Customizing Jira to suffice the Business requirement

· Upgraded JIRA Core from version 4.4.3 to the latest 7.3, considering all the customizations and analyzing the Add-ons supported and not supported after the upgradation for one of the Aerospace Clients in India.

· It included multiple customization and scripting to make it compatible with the upgraded version.

· Advanced customization for various projects in JIRA including workflow, screens, custom fields, auto closure of tickets, scripting internal & external to JIRA to make it compatible to the client's needs.

· It helped them to improve the SLAs effectively.

· Directly communicating with the Business Partners.

Leveraging Tableau desktop and Tableau server, developed the business Analytics for Sales vertical

· Developed the Complex business Analytics for Sales vertical (Dashboards, Stories) for the Annual Board Meeting to ease the visualization and analysis using Tableau Desktop & Tableau server.

· Directly interacting with the business Partners.

Provided consultation and advice to various clients on Atlassian suite (JIRA, Confluence, Bitbucket, Bamboo) to resolve their issues and approaching the best practices to implement the stack

· Playing the role of Atlassian Lead in the Organization

· Shouldering the responsibility of Tableau admin for the Tableau Server in the Organization

· Have completed the Partner Sales Accreditation in Tableau with a score of 91%

· Have successfully completed the Foundation Demo on Tableau

· Had setup the DevOps Environment for the internal use of the Organization using Atlassian suite to leverage CI/CD.

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aSSOCIATE Software ENGINEER - CSC India BANGALORE	**SEP, 2014 – Sep, 2016**

Delivered various business analytics reports under different verticals leveraging Tableau

· Accident analytics reports for Europe Clients that can help them understand the nature of accidents and occurrences of it so that the concerned team is pro- active.

· Analytics reports on Airplane hazards ejection that causes them to pay hefty fines at airports

· Fraud insurance analytics reports and prediction of the needs for the coming years for insurance clients that can help them have better insights.

Leveraging Atlassian suite, implemented and executed the full DevOps stack

· Using JIRA as ALM tool, Confluence as Knowledge base & Team Collaboration Tool, Bitbucket as SCM and Bamboo as CI/CD tool – setting up the DevOps environment.

· Installing, configuring & integrating all the tools together and using CROWD for SSO.

· Implemented Jira Service Desk to this setup for IT requests.

· The platform used for implementation was RedHat distribution.

· Directly interacting with the Business Partners

· Implementation of DevOps POC using Open Source CI/CD tools as Jenkins/GoCD for the client. The platform used for this implementation was CentOS as well as UNIX distribution.

· Deployment of the builds on various environments were done using Configuration Management tool Ansible

· Docker was used to containerize the application and then deploying it.

· Received Kudos Award for Excellent Execution at CSC India, Bangalore.

Azure platform Admin

· Shouldering the responsibility of Azure Platform administrator and AWS administrator.

· Leveraged Azure to spin up VMs for various projects, for taking up Backups and Active Directory.

POCs & Pilot Projects

· Leveraging Git, Ansible, Docker, shell scripts & CI/CD, created POCs for multiple clients (both internal & External to organization)

· Developed a Pilot Project to capture business ideas. Created REST services using JERSY Framework. The application captured business ideas suggested and the various POCs that were being developed. The database used was PostgreSQL.

· Provided training to different business units on the ALM tool (Enterprise Jira), Team Collaboration software (Enterprise Confluence), SCM (Bitbucket sever and Enterprise GitHub).

· Delivered Tech Talk on JIRA & Confluence in the organization to different business units (Making them more aware of the tool effectiveness and goal was to achieve the best out of the tools).
· Leveraging Azure ML Studio, created a POC that predicted the Flight delay for various airports & created a POC that predicted the exposure of a patient to breast Cancer based on various parameters.
· Leveraging Rapid Miner, created a POC that analyzed suitable weather to play outdoor games.
· Created a Pilot Project in Java that did all the file operations on the list of selected files.

EXTRA-CURRICULAR ACHIEVEMENTS

· Participated in an Essay Competition held during IOCL Week in NIT Warangal, February 2013.
· Participated in a Debate Competition held during IOCL Week in NIT Warangal, February 2013.
· Have been a member of the CRC (Class Review Committee, MCA 2011-14).
· Had been a sub-core team member of SPONSORSHIP TEAM (Cultural Fest in NIT Warangal, February 2013).
· Participated in an Essay Competition held during Vigilance Week in NIT Warangal, November 2011 and secured 2nd position it.
· Participated in an Essay Competition held by Dainik Jaagran in Patna Women's College, 2010 and secured 2nd position it.
· Participated in a Debate Competition held in Rabindra Parishad, 2002.