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GOWTHAM E

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EMPLOYMENT

DevOps Engineer (*Orbit Shifter*)

Cognizant Technology Solutions

Dec 2017 - Present

- Leveraged **log analytics tool Splunk** to analyse large scale Server logs and Application logs to set up Infrastructure monitoring
- Developed **Splunk dashboards** to provide a user-friendly single-window view to monitor live status of thousands of Batch Jobs.
- Architected fully automated Multi Stage end-to-end **DevOps pipeline** in AWS to enable Continuous Delivery.
- Monitored CPU utilization trend of 200+ production servers and configured **automated Splunk alert** to notify the application team about spikes.
- Leveraged real-time automated Splunk alerts to notify the team when any Drive of production servers occupies more space than threshold.
- Integrated Splunk with **MS Teams** to send automated daily reports directly to corresponding Channels.
- As part of the requirement gathering for new monitoring setups, **collaborated with teams** from various parts of the globe on a daily basis.
- Ramped up on AWS Cloud services and worked on Proof-Of-Concepts to configure DevOps solutions in AWS
- Integrated **AWS with Splunk** and ingested CodePipeline logs into Splunk for detailed monitoring of pipeline executions.
- As a Splunk **Subject Matter Expert**, anchored Training Sessions for Cognizant DevOps community which enabled associates in getting professionally certified.
- Led a team of 4 members and mentored teammates in upskilling them to new technologies and DevOps processes.
- Integrated stack of DevOps tools like **Github, Maven, Ant, Selenium, Cobertura, JFrog with Jenkins CI** tool to setup numerous end-to-end fully automated Continuous Delivery pipeline.
- Integrated containerisation tool **Docker with Splunk** to monitor container health from large scale container logs.
- Worked with version control tool **BitBucket** and configuration management tool **Ansible**
- Developed **Python** scripts and shared across teams to automate recurring activities and increase productivity.
- Was directly reporting to the Director of the Line Of Business of an American Insurance Client and consistently got appreciated for fast, efficient and on-time delivery.
- Authored various process documents to give insights about DevOps tools and procedures followed for easy referencing of recurring use cases.
- Awarded with **Orbit Shifter** shield of honor for continuous and consistent self- learning and contributing back to the community.

PROFESSIONAL CERTIFICATIONS

- AWS Certified Developer - Associate
- AWS Certified Solutions Architect - Associate
- Splunk Core Certified User
- Docker Certified Associate

LANGUAGES AND DEVOPS TOOLS

- C++; C; Java; HTML; Splunk SPL; Python; SQL
- DevOps Tools -
 - Log Monitoring - Splunk;
 - Containerization - Docker;
 - Infrastructure As A Service - Amazon Web Services;
 - Source Code Repository - GitHub;
 - Configuration Management - Ansible;
 - Version Control - BitBucket;
 - Build Tool - Maven; Ant;
 - Artifact Management tool - JFrog;
 - Continuous Integration - Jenkins;
 - Code Quality - Sonarqube;
 - Code Coverage - Cobertura;
- Working experience in Office 365 tools

EDUCATION

- **Amrita Vishwa Vidyapeetham**, Coimbatore (2013 - 2017)
 - B.Tech Mechanical Engineering - 8.45 CGPA First Class with Distinction
- **Maharishi Vidya Mandir**, Chennai (2011 - 2013)
 - 12th - Score 86%
- **Kendriya Vidyalaya**, Madurai (2005 - 2011)
 - 10th - CGPA 9.4

EXTRA-CURRICULAR ACTIVITIES

- Avid blogger maintaining a personal blog of Short Stories and Poetry in Tamizh
- Author of DevOps Technical blog in Cognizant network which captures my learning journey towards professional certifications, solutions for some common technical problems and serves as a use case repository.
- Event Organiser of monthly Recreational events for a team of 150+ associates inside the organization.
- Content creator of a Recreational blog to pen down the event experience as a memory - writings, photos and videos.
- Bibliophile with wide-range of book collections.
- Occasional guest lecture for DevOps methodologies to different teams within the account.