**Aditya Reddy Sabbella**

Hyderabad, India

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### Education

**Virginia Tech Blacksburg, Virginia**

*Master of Engineering in Computer Science; Aug 2023 - Present*

**B V Raju Institute of Technology**   **Hyderabad, India**

*Bachelor of Technology in Information Technology; 8.81/10 CGPA Aug 2015 - Apr 2019*

### Experience

**NCR Corporation Hyderabad, India**

*Site Reliability Engineer 2 – Full-time Mar, 2023 – Aug, 2023*

**EPAM Systems Hyderabad, India***Systems Engineer – Full-time Jan, 2021 – Dec, 2022*

* + **Client: Broadridge Financial Solutions – Workstation Components**
* Worked on multiple projects for the client as a DevOps Engineer and an SME for the business segment. Successfully onboarded and mentored multiple associates in getting started with the project.
* Lead a team of three consultants which includes multiple hats such as scrum master, requirements gathering, managing the workload for the team, and SPoC for the developers and stakeholders.
* Have set up Disaster Recovery and High Availability for ECS-based applications and actively participated in resiliency testing which was completed with an 80% success rate.
* Automated and optimized the workflow for continuous file-copy/process with an event-driven mechanism using a fanout Lambda which further triggers an AWS Glue job and ECS tasks.
* Developed generic pipelines for onboarding any application to CI/CD process, starting from build to deploy stage, which brought down the setup time to 15 minutes.

*Junior Software Engineer – Full-time Jan, 2020 – Dec, 2020*

* **Client: Broadridge Financial Solutions – Aggregation Layer**
* Worked on Terraform development by keeping it modularized which can be used to create cloud infrastructure for any required environment on the go.
* Troubleshoot and support critical issues in Code Red bridges, with an immediate resolution of errors.
* Designed and developed multiple automation processes for supporting the application using Python and Shell scripting. Worked for a brief period of time in configuring the EC2 machines using Chef.

**Coviam Technologies Pvt Ltd. Bangalore, India***DevOps Intern - Internship Jan, 2019 – Jul, 2019*

* Worked on two projects: BliBli.com and peopleHum.com with responsibilities including automation, alerting, and monitoring of infra and application.
* Automated tasks using Jenkins jobs such as deploying the application, generating health reports, etc.
* Have set up monitoring for infrastructure and applications using various tools such as Prometheus, Graylog, New Relic, etc., and designed SRE dashboards using Grafana, and Dashing.
* Created alerts for API failures reported in Graylog and integrated them to send notifications in Slack and also to create a ticket in Trello.
* Worked on a PoC for integrating Consul with multiple HAProxy servers to maintain high availability.

**OpenText Hyderabad, India***Engineering Intern - Internship Jun, 2018 – Nov, 2018*

* Worked in the Business Intelligence team where various reports and dashboards were developed using BIRT.
* Deployed dashboards on internal servers and the cloud.

### Projects

* **YouTube Like scraper (Python):** Developed an automation application where liked video information is stored in a PostgreSQL which is scraped using Google API. (Dec ’19)
* **Conductor (BASH):** Automatically raises tickets on Trello or any other scrum board, whenever there's an error detected in the log stream of the application. (May ‘19)
* **Smart Irrigation System (IoT):** Developed it as a part of major project with a team of five where an Arduino Uno is used to run a water motor and send a notification on the Virtuino app whenever the soil-moisture-sensor detects less humidity in the soil. (Apr ‘19)

### Technical Skills

* **Languages:** Python, BASH
* **Tools:** Jenkins, Terraform, Docker, Git, Chef, Splunk, Datadog
* **Cloud:** AWS (ECS, ASG, ALB, Glue, Lambda, Route53, S3, IAM), Azure
* **Platforms:** Linux (Centos 7/8, Ubuntu), Windows

### Certifications

* [AWS Solutions Architect Associate](https://www.credly.com/badges/876a80a6-85df-4326-87f1-1367b343a9b5?source=linked_in_profile) *Dec, 2020 – Dec, 2023*
* [Microsoft Certified Azure Fundamentals](https://www.credly.com/badges/a070d11b-71ee-4883-b5c1-f3e8118daa2d/linked_in) *May,2020 - Present*