Aashray Jain

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Education

National Institute of Technology, Raipur   *2014 – 2018*
Bachelor of Technology, Information Technology
GPA – 7.52

All India Senior School Certificate Examination   *2014*
84.6% (CBSE)

All India Secondary School Certificate Examination   *2012*
95% (CBSE)

Work Experience

Infosys   *Bangalore, India*
Associate Consultant   *December 2020 – Present*

- Working with Ameriprise Financials to deliver Advance Insights to Financial Advisors. Delivered multiple GraphQL APIs which interact with DynamoDB and Lambda Functions. Received Client appreciation from Senior leadership and Senior Architect for the APIs delivered. Created the infrastructure from scratch using Cloudformation Templates. Worked in Python, YAML, DynamoDB, Velocity Template Language (VTL), CFT, AWS AppSync, AWS Lambda, IAM.
- Worked on a POC for Ameriprise Financial and helped design the architecture to interact with the client data moved from On-Prem Storage to AWS Cloud using services like AWS Glue, S3, Athena and AWS Lambda, SNS, AWS CloudFormation, IAM.

Wipro   *Bangalore, India*
Senior Software Engineer   *December 2019 – November 2020*

- Worked on multiple REST APIs in Java-11, Spring Boot, designed with Swagger, for MUFG Union Bank, USA. Got experience with tools like OpenLegacy and OpenAPI as well.

Wipro   *Bangalore, India*
Project Engineer   *June 2018 – November 2019*

- Worked on a microservice that consumes the messages from a Kafka topic, validates them, pushes them to a Postgres DB and schedules them to send to customers. Worked in Java, Kafka and PostgreSQL.
- Was solely responsible for building a Linux Script that would validate data at various S3 locations and give reports about missing data (if any). This helped reduce the cost to the client of about *$12k USD/year.* Received recognition in Wipro multiple times for this including appreciation from Senior Leadership in the company.
- Single handedly worked on automated monitoring of messages on a daily basis by SSHing into multiple instances and getting message count for each instance. This also checked for stagnant files in various instances and would send a report via email everyday. Used both Shell Scripts and Python for coding. Received Client appreciation for this.
- Single handedly built an Automation Software in Python and Selenium which would log into multiple Dashboards to scrape data and generate a report. This helped reduce the cost to the client of about *$28k USD/year.* Received recognition in Wipro multiple times for this.

Projects & Publications

Comprehensive Architecture of REST Services for Scale on AWS *Whitepaper*   *Wipro Ltd., April 2020*

- The purpose of this white paper is to help demonstrate a cloud based REST Architecture that is scalable, serverless and secure. This can help reduce cost of hosting on-prem servers, cost of scalability, cost of downtime and cost of security, while being reliable at the same time to an organization.This approach offers an opportunity for providing an on-demand auto-scaling, persistent and secure infrastructure at minimal costs.

Serverless Event Driven Architecture *Whitepaper*   *Wipro Ltd., March 2020*

- The purpose of this white paper is to help demonstrate a server less Event Driven Architecture that is scalable, cost saving and persistent using AWS. This can help reduce cost of hosting on-prem servers, cost of scalability and cost of downtime, while being reliable at the same time to the organization.

Skills & Interests

- C/C++, Python, Java, AWS, Kafka, Jenkins, Swagger, GraphQL, REST.
- Interested in Deep Learning, Computer Vision, Cloud Infrastructure.

Achievements

- Lean Practitioner - Wipro   *December 2019, Bangalore*
- Awarded Archimedes *For Value Addition and Cost Savings for Capital One Account*   *December 2019, Bangalore*
- Pragati - *Wipro Internal Certification for Automation script for Data Analysis Report Creation*   *May 2019, Bangalore*
- Pragati - *Wipro Internal Certification for Automation script for Analysis Missing Client Data*   *July 2019, Bangalore*