

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

Oracle (2021-Present)

Bangalore, India

Principal Member of Technical Staff

November 2023 – Present

- Worked on *Long-Term Backup* feature enhancement for Autonomous Databases (ADB). The feature enabled OCI customers to create and retain backups for up to 10 years. The backup can be used to create fresh ADB(s), irrespective of the current patch version the Autonomous Container Database is running on.
- Worked on *No-Backup Autonomous Container Database (ACD)-Create*. The feature reduced the users' ACD creation time by about 4x. Users could also enable ACD backups at a later time. The feature also supported Long-Term Backups, thus enabling users to create snapshots of DB(s) provisioned on the ACD.

Senior Member of Technical Staff

October 2021 – October 2023

- Designed and worked on REST API which interacted with Confluence page(s) on-demand to fetch the relevant features and services to be tested. Based on user selection, all relevant pipelines were triggered. Worked on the API using Flask, Python.
- Led and implemented the architecture and migration of codebase from Internal SCM to Bitbucket. Used Jenkins for automated builds with binaries stored on Artifactory. Used Groovy and Python along with Atlassian APIs.

Infosys (2020-2021)

Bangalore, India

Associate Consultant

December 2020 – October 2021

- Working with Ameriprise Financials to deliver Advance Insights to Financial Advisors. Solely responsible for delivery of multiple GraphQL APIs, under guidance of Senior Architect, which interact with DynamoDB and Lambda Functions. Worked independently with multiple consumer API teams for integration and delivery. Received Client appreciation from Senior leadership and Senior Architect for the APIs delivered. Worked in Python, VTL; and services like DynamoDB, AWS AppSync, AWS Lambda, IAM.
- Worked on multiple automation and integration solutions using Lambda Functions written in Python. Got to work on services like AWS Lambda, SNS, CloudWatch (Events), Tidal.
- Instrumental in Architectural Implementation and Integration of the infrastructure from scratch using CloudFormation Templates, CI/CD. Worked in YAML, Shell; and services like IAM, CloudFormation, CloudWatch Events, Tidal, SNS, Git, Jenkins.

Wipro (2018-2020)

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.

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 showcases a scalable, serverless, and secure cloud-based REST Architecture, aiming to minimize hosting, scalability, downtime, and security expenses while ensuring reliable infrastructure for organizations

Serverless Event Driven Architecture Whitepaper

Wipro Ltd., March 2020

- The white paper introduces an AWS-based, cost-efficient serverless Event-Driven Architecture, cutting hosting and scalability expenses while ensuring reliability.

Achievements

- Oracle Cloud Infrastructure Foundations 2021 Associate January 2022, Bangalore
- Lean Practitioner - Wipro December 2019, Bangalore
- Awarded Archimedes For Value Addition and Cost Savings for Capital One Account December 2019, Bangalore
- Pragati - Wipro Internal Accolade May 2019, July 2019, Bangalore