

Experienced Data Engineer with thorough hands on experience in all levels of software development life cycle. I am a hybrid software developer, data engineer, automation engineer. Supportive and enthusiastic team player dedicated to streamlining processes and efficiently resolving project issues. Willing to take ownership of core components.

SKILLS

• Languages & Frameworks

Python, Scala, Java, SQL, Fast API, Play 2, Spring-boot, TestNG, ScalaTest, Shell/Bash script

• ELT & Data-Pipeline Tools

Airflow, DBT, Xplenty, AWS DMS, Spark(poc/theoretical exp)

Databases

PostgreSQL, Oracle, MySQL, Elasticsearch, MongoDB, Redis, Memcache, RocksDB

• Technologies & Tools

Terraform, Kafka, Elasticsearch, Docker, New Relic, Solr, RabbitMQ, Prometheus, Grafana, Graylog, Postman, Wireshark

• Platforms

AWS cloud, GCP, Linux (SUSE, Cent OS, Ubuntu), Mac OSX, Windows • Cloud Services

AWS (EC2, S3, Lambda, DMS, API Gateway, Redshift, RDS, CloudWatch, DocumentDB), GCP (Firestore, VM Instance, cloud scheduler, cloud pub/sub, cloud functions)

• Reporting Tools

PowerBI and Redash (Beginner to intermediate level of exp)

• Automation Tools

Terraform, Github Actions, Jenkins, Selenium-Webdriver, RestAssured (API), Jacoco for code coverage

• Load Testing Tools

Locust and Wrk2

• Version Management Tools & PMS

Git, JIRA

EXPERIENCES

Senior Data Engineer

05/2021 - Present

Wayfair Deutschland Ltd. & Co. KG, Berlin

- Implemented real time data processing pipeline using Google Dataflow(Apache Beam).
- Implemented event driven architecture to process the Google Analytics data.
- Developed data dictionary using Google Data Catalog.

Senior Data Engineer 04/2020 - 04/2021 wefox Group (wefox & ONE), Berlin

- Migrated the VBA based ETL tool to Airflow. • Extract and Load setup using Xplenty.
- Data migration and CDC using AWS DMS.
- Built utilities in Scala & Python for processing structured and unstructured data from multiple data sources like API's, S3, CSV, SFTP.
- Gather and process raw data at scale (including writing scripts, web scraping, calling APIs, writing SQL queries and applications)
- Built API's using FastAPI.
- Setting up of CI/CD pipeline using Github actions and Bash Scripts.
- On-boarding the new MGA's with the necessary changes in the DWH and ETL.
- Implemented real time alerting for the data pipeline and services.
- Developed the data dictionary.
- Effective documentation about the applications, tools and utilities developed.
- Creating high level design documents & source to target data mapping sheets.
- POC on different ETL tools and technologies.
- Defining coding standards/best practices and guidelines.
- Following the best practices of different ETL tools and databases.
- Updating JIRA boards.

Data Automation Engineer Spotcap Global, Berlin

11/2017 - 03/2020

- Built data-pipeline in Scala & Python for processing structured and unstructured data from multiple data sources like API's, Audit Tables, S3,
- which was then consumed by the data science team. • Gather and process raw data at scale (including writing scripts, web scraping,
- calling APIs, write SQL queries, writing applications) • Built automation framework for Spotcap's backend API's from scratch.
- Built API's using Scala Play and Spring boot which acts as simulator for user journey and it's actively used by the product, QA and data science team.
- Developed a utility by implementing API's and integrating with the Flock for pro- actively debugging the credit decision on user's loan application.
- Setting up of CI/CD pipeline (Jenkins integration) for the automation test suite. • Setting up the mocked data, which was critical during client demos and
- internal testing, and acted as POC for the mocked data services. • Built load testing framework using Locust and Python.
- Implemented real time alarming for the automation test failures to all the stake holders.
- Effective documentation about the applications, tools and utilities developed. • Mentoring the junior automation engineers and data analysts.

Software Development Engineer in Test - III 09/2015 - 11/2017 OLA, Bangalore

- Setting up the performance environment, adding/modifying the performance script, performing the performance test and sharing the matrix/observations/results with the tech team and other stake holders.
- Co-ordinating with the developers and Dev-Ops during the production deployment, performing the post deployment QA verification and monitoring the applications using New relic, Kibana, Prometheus and application logs.
- Building utilities by implementing API's using spring-boot and writing shell scripts to minimize the QA-effort and making automation job easy.
- Updating the Chef Cookbooks and Recipes and deploying the build on AWS-Cloud Environment.
- Performing the code review of the automated test scripts.
- Monitoring the daily run report of the automation suite and debugging if any failures in the report. • Developed many utilities to minimize the environment setup, for production
- sanity test and for debugging the issues in staging.
- Application Maintenance and troubleshooting
- Participating in the Sprint planning meetings and providing the QA estimation.
- Automating the 'S0' test cases before the Dev-build to staging.
- Perform functional testing, integration testing, system testing, regression
- testing. • Giving demos to the product team and Knowledge sharing sessions to the
- team. • Create and maintain media wiki page for the project with the latest updates.

Senior Software Engineer 11/2012 - 09/2015

• Migration of existing code bases to AWS cloud.

Altisource Labs, Bangalore

principles and Rabbit MQ.

- Migration of SQL based searches to Apache SOLR based search. • Built a highly scalable and concurrent design by using multithreading
- Implemented build and deployment process for the product using maven, jenkins etc.
- Involved in the development of in house frame work and reusable
- components
- Interacted with the business team to understand and analyze the requirements. • Designed the Creating Invoice, Creating Workflows Invoice Approval
- modules. • Worked on data integration, payment file generation and interfacing with 3rd
- party.
- Worked with Support to resolve the production issues across the application.
- Optimizing code for increased scalability.
- Perform integration testing, system testing, regression testing. • Monitoring and scheduling Daemons.
- and Shell script. • Setup Jasper Reports server

• Automation of test cases using Selenium Web driver, Sahi, Robot Framework

• DB Testing – Executing liquibase scripts, Writing queries, Stored Procedures,

- debugging the stored procedures. • UNIX: Writing Shell script to automate payment files, Monitoring logs,
- Deployment, Server health monitoring. • Give Demos, Knowledge transfer to the team.
- Create and maintain media wiki page for the project with the latest updates.

Software Test Engineer ZTE R&D Center, Bangalore 09/2009 - 10/2012

- Preparing the system test cases, Test List and System Test Report. • Preparation of test environment and deployment.
- Integration of all the third-party interfaces with RBT.
- Execution of IOT test cases and resolving the inter communication issues
- with 3rd party modules. • Implementation and maintenance of matrices such as Test Matrix and
- Requirement Tractability Matrix. • Executing Sanity/Smoke test on new builds.
- Preparing test reports for the system test performed. • Study the failures and checking server logs and Wireshark logs.
- Installation of Linux, Database, tomcat, Jboss. • Preparing Test bed.
- Upgrade/Migration testing. • Execution of UAT test cases.
- Preparation of dual site environment for GR test and execution of test cases and preparation of document for GR to use at disaster condition.



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EDUCATION

B.E in Computer Science 2005 - 2009

LANGUAGES

English (Professional) Hindi (Native)

Kannada (Native)

INTERESTS

Reading Books

Trekking

Cooking