

WORK EXPERIENCE**Ericsson**

Software Engineer

Bangalore, India

May,2019 - Present

- Currently working with Ericsson as a Hadoop/Spark developer to design and build solutions for Ericsson Global Solutions team.
- Test driven development in python and scala. Design and development of wrapper shell scripts.
- User Acceptance Testing and System Integration testing of the solutions to roll out the applications in global or production cluster.
- Contribution to the code base in remote repository (GitLab) and monthly release preparation to add new features and fix bugs.
- Designed Ozzie workflows, coordinators and bundles to schedule hadoop/spark jobs and shell scripts for daily/weekly refresh.
- Continuous improvement and fine tuning of scripts by running the audit scripts over the log files. Optimization of SQL queries in hive and SparkSQL.
- Developed a text mining and sentimental analytics application to extract Ericsson's competitors social media feed through Twitter/YouTube REST API. Flattened and parsed extracted data in spark scala in batch processing incremental mode to maintain the data foundation and to extract useful insights out of it.
- Collaboration with cross-functional teams to build and launch applications and scale data platform effectively.
- Active participation in peer code reviews, documentation of solutions and identification of bottlenecks and roadblocks.
- Hands on experience with REST APIs to request, extract and parse data in python.

Infosys Ltd.

Senior Systems Engineer

Bangalore, India

July,2016 - May,2019

- Worked as a Hadoop/Spark developer for Infosys's various clients like Cisco, Visa and Apple.
- Designed data pipelines in Hadoop and Spark ecosystem. Consumed data from various sources like sql server, SAP HANA, flat files and pushed to create data warehouse in hive and hbase.
- Design, development, test and deployment of applications on data processing platform for Data as a Service.
- Documentation of new programs and sub programs, as well as enhancements and modification of existing code base in bitbucket/ GitLab.
- Programmed Apache Spark jobs (in Python) in an object oriented and exce
- Supported continuous improvement of scripts by investigating alternatives and presenting those for architectural review. Collaborated closely with other team members to plan, design and build robust applications.

SKILLS

- **Programming languages:** Python, Core Java, Shell scripting
- **Frameworks:** Hadoop, Apache Spark
- **Databases:** MySQL, Hive, HBase, MaprDB, Oracle 10g, MS SQL SERVER and MongoDB
- **Repositories:** BitBucket, GitLab, GitHub
- **Platforms:** Windows, Unix (Ubuntu and Red Hat Linux)
- **Editor / IDE:** Eclipse, IntelliJ, Eclipse Scala IDE, Jupyter's Notebook, PyCharm
- **Build Tools:** Maven and SBT
- **ETL Tools:** Informatica
- **Methodologies:** Agile

ACADEMIC DETAILS

Year	Degree / Exam	Institute	CGPA / Marks(%)
2016	Bachelor of Engineering in Computer Science	Chitkara University, Punjab	7.19
2012	AISSCE, CBSE	GMSSS - MHC, Chandigarh	73.8%
2010	AISSCE, CBSE	Manav Mangal School, Chandigarh	9.40

INTERNSHIPS AND TRAININGS

Infosys Limited, Mysore, India (Jan, 2016 - May, 2016)

- 4 months of training and assessment of basic programming in Python, SQL and Software engineering.
- Technology stream training in Business Intelligence domain using ETL tools like Informatica and IBM cognos and MS SQL Server.
- 2 months of training on Big data analytics (Map Reduce, hive, pig , HDFS, Hbase, Hue, Flume, Oozie, Kafka and sqoop) and Apache Spark (Spark core, Spark streaming, Spark SQL, Scala, GraphX) components and reporting tools like Tableau, IBM Cognos.
- Installed Spark 2.1 on local machine (Windows) and deployed Spark jobs on a standalone cluster. Implemented map reduce programs in Java using Hadoop libraries in Cloudera quickstart VM. Designed pig latin scripts to perform complex data transformation, aggregation and analysis.
- Integrated traditional RDBMS (MySQL) tables with Hadoop tables for batch processing of data in hive. Designed a flexible and secure publish-subscribe messaging system in Apache Kafka in Apache Hadoop ecosystem.

CERTIFICATIONS

- Microsoft certified Technology Associate (2015) in networking fundamentals. Cert id (F180-2716)
- Infosys certified Python programmer.
- Infosys engineering Java competency level 1.

EXTRA CURRICULAR ACTIVITIES

Running

An enthusiastic runner.

- Participated in IIMB run'20, Infosys run'19, Infosys run 2017 in Bangalore.
- Finished in top 10 in Green run 2017, Electronics city, Bangalore.
- Participated in InfosysIT run ' 18 and 10th Infosys run '18, Bangalore.

Programming

- Active participant in online coding and programming challenges on Hackerrank and HackerEarth and TopCoder.
- GitHub repository : <https://github.com/rohit0202>