AMAR KUMAR

Senior Developer

🏢 Accolite Digital
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OVERVIEW

To get a challenging position where I can put all my experience and knowledge to give a significant growth to the organization.

PROFESSIONAL SUMMARY

- 6.5+ years of experience in Big Data Processing, Cloud, DevOps, Microservice.

- 4+ years of experience in Big Data Development – Batch and NRT Processing of the clinical data, also worked on development of Desktop Application using Java.

- Strong Data Structure, Algorithm & System Design Efficiency

- Interviewed, Mentored, evaluated and graduated new hires and interns in the team from Tier I Institutions and experienced Professionals.

- Good Knowledge on Dependency management, Source Control and comprehension tool Such as Apache Maven, Git etc.

- Participated in peer code review to maintain high coding standards.

- Good team player with excellent communication skills, interpersonal skills with problem solving, trouble-shooting capabilities.

- Handled responsibility of Release and Deployment manager for pushing the code into production environment

- Worked on different Google Cloud Platform components – VPC, Firewall, Google Compute Engine, App Engine, Cloud Run, BigQuery, Cloud Vision APIs, Google Sheets, Container Registry, Cloud DNS, Cloud Repository, Cloud Deploy, Dataflow, Logs Explorer. gcloud SDKs etc.

- Possesses decent working experience in other clouds infrastructure provider - AWS, Azure and Digital Ocean.

- Machine Learning & Artificial Intelligence Enthusiast

SCHOLASTIC PROFILE

2010–14	B.E (Bachelor of Information Science & Engineering) - VTU
2008–10	HSC – 12th – 7.1 CGPA - Patna Central School, Patna
2000–08	SSC – 10th – 9.2 CGPA - Notre Dame Academy, Munger

TECHNICAL SKILLS

Languages: JAVA, Python, Scala

Front End: HTML, JavaScript, ReactJS

Framework: Apache (Crunch, Spark, Kafka, Hive), RESTEASY, Spring Boot

Hadoop Ecosystem: MapReduce, HDFS, YARN, Oozie, HBase

IDE's: JetBrains IntelliJ, SQL Developer, Visual Studio Code

Database: MySQL, Oracle11g

Build Tools & Source Control: Apache Maven, SBT, Gradle, GitHub, GitLab, BitBucket

CI/CD & Code Review Tools: Jenkins, Crucible, Nexus, JFrog, Spinnaker, Splunk, Netlify

Cloud Infrastructure Provider: AWS, Google Cloud Platform, Azure, DigitalOcean

Other Tools: Node Management (CHEF), Cloudera Manager CDH6, Confluent, CyberDuck

Machine Learning: PySpark MLib/ML, Sci-Kit Learn, Dask ML, Matplotlib, Numpy, Pandas

PROJECTS

#1 Accolite Digital – Senior Developer | 07/2020 – Present
Environment: Spark, Scala, Spark-SQL, ReactJS, Material UI, Python Flask, MS
SQL Server, Airflow, Docker, GitLab etc.
Responsibilities:

- Data Insight tool Platform to provide user insights about the data by providing data profiling and data quality reports. Reports are generated by analyzing data based on datatype

- Data Quality checks include null checks, pattern matching, based on SQL query, regex etc.

- Involved in development of Data Quality solution for data governance and ability to collect, analyze and disseminate large volumes of data

- Involved in Data Modelling, Low Level and Architecture Design of the application.

- Develop Data Profiling solutions - run analysis jobs, view results, and manage data quality controls using ReactJS and Material UI

- Categorical, range analysis, find co-relation, counts of the failed and passed records

- Setup CI using GitLab CI, Publish Docker Image of the Webservice to the GitLab Registries.

#2 KPMG Global Services – Consultant | 02/2020 – 06/2020
@Client Location: Morgan Stanley (Investment Banking & Financial Service)
Environment: SpringBoot, Kafka, ZooKeeper, HazelCast, Jenkins, AppDynamics, JMeter etc.
Responsibilities:

- Part of Portfolio Accounting team – which tracks, analyzes and accurately reports the value of complex investments for all public securities and derivatives.

- Worked on Implementation of caching Mechanism which caches PL/SQL Stored Procedures into Hazelcast Cache to boost access to portfolio accounting data by 70%

- Implemented end-to-end setup of multiple agents on AppDynamics to send out custom alerts per business needs.

- Handled responsibilities of deployment of code into Dev, QA, PP and Prod Environments.

#3 Cerner Corporation (Healthcare Solutions, Services) | 08/2017 – 02/2020
Environment: Java, JDK 1.8, Crunch, Spark, Kafka, HDFS, HBase, Oozie, CHEF etc.
Role: Java | Big Data Developer
Responsibilities:

- Batch ETL (Extract Transform Load) of client's clinical data by deploying multiple data pipeline implemented in Apache Crunch which triggers MapReduce Jobs.
- Perform Near Real Time (NRT) Processing and Transformation of clinical data using Apache Kafka and Apache Spark – deploying spark job for each client.
- Perform data cleansing, transform and normalization of clinical data ingested into HDFS from various data sources – mapped by Altova MapForce, later serializing it using AVRO serialization format and storing the data it into HBase Tables.
- Configure & deploy Oozie workflow using CHEF to Schedule MapR/Crunch Jobs.
- Wrote Unit and Integration Tests using Mockito, JUnit, Scala testing frameworks.
- Worked on various language e.g. Ruby, Shell to write script for functional testing of the functionality. Also, Setup different pipeline in Jenkins using Jenkins file and groovy script.
- Generate smoke test data, and run an integration test to check – if the data is processed correctly
- Worked on REST services using Beadledom framework – an implementation in RESTEASY to expose stored data in HBase for downstream consumers to apply multiple algorithms on the processed data.

#4 HCL Technologies – 11/2014 – 05/2017
@Client Location: Société Générale (Investment Banking & Financial Service)
Environment: Java 1.7, Maven, Eclipse RCP 3.x, SWT, JFace, Windows Builder, Form Editor
Role: Java Developer
Description:
Worked on development and maintenance of Equity and Brokerage Desktop application which offers execution, clearing and prime brokerage service.

Responsibilities:
- Worked on various desktop UI stack – Eclipse RCP, SWT, JFace, Views, Windows Builder etc.
- Worked on Marshalling and Unmarshalling of XMLs using JAXB 2.0
- Extensively worked on JFace, Data Binding with UI Elements to POJOs
- Analyzing Requirements and provide proper estimates for change requests
- Worked on configuring & deployment as standalone application of the product

ACHIEVEMENTS

- NOTT AWARD (Night on the Town Award) for Best Hackathon Projects for Automation of Zabbix Monitoring via Zabbix API Q1 2018
- Multiple You Rock Awards for Exceptional Contribution to the team.

This is to certify that all the information given above is true to the best of my knowledge