AMAR KUMAR
Senior Developer

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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+ years of experience as JAVA & Big Data Developer

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

- Fair Knowledge on Python, ruby scripting and relational databases, SQL (Structured Query Language)

- Interviewed, Mentored, evaluated and graduated new hires and interns in the team.

- 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 GCP – Big Query, Cloud Vision, Cloud Storage & AWS – EMR, EC2

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

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

Serialization Format: AVRO, JSON, CSV, Parquet

Database: MySQL, Oracle11g

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

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

Cloud Infrastructure Provider: AWS, Google Cloud Platform – Big Query, Cloud Storage, Google Vision

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

PROJECTS

#1 Accolite Digital – Associate Technical Delivery Manager
Client Location: Morgan Stanley (Investment Banking & Financial Service)

Environment: SpringBoot,Gradle,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 performance monitoring and benchmarking via performance monitoring tool – JMeter. Involved in Load-balancer setup and deployment configuration

- Implemented end-to-end setup of multiple agents on AppDynamics to send out custom alerts per business needs. Worked on setting up Reconciliation tool to compare data between cache and the datasource

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

#2 KPMG Global Services – Consultant

Environment: Python, PySpark, ReactJS, Material UI, Flask, Docker, GitLab etc.
Responsibilities:

- 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

- Involved in peer code review to maintain higher coding standards.

- Worked on API for data quality solution using Python Flask API

- Setup CI pipeline using GitLab - Publish Docker Image to the GitLab Registries.

#3 Cerner Corporation (Healthcare Solutions, Services)
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
Client: 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

ACHIVEMENTS & AWARDS

- *"1st Place in Q1 2018 Hackathon at Cerner for Automations and Enhancement for developing Automated reporting via ZABBIX API."*

- *"NOTT Award for Extra Ordinary Performance in Q2 2019"*
setting up an on-boarding project for new hires in the team, which gives them the exposure to technical stack which the team uses.

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