RAJA SACHIN

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EXPERIENCE

Software Developer

Tavisca, A cxLoyalty company

📅 July, 2019 – Ongoing   📍 Pune, Maharashtra, India

- Data Ingestion and Extraction with Java 8, Spark Big Data, Kafka Data Streaming, PostgreSQL and AWS Lambda following Microservice Architecture along with best practices of SonarQube and Junit test cases
- API development with Spring Boot, Spring Security, Gradle, JPA and Config Server. API testing with Postman
- Development of Scheduler API with Spring Quartz Scheduler for cron jobs and simple jobs
- Deployment of jobs with AWS Services, Docker, Kubernetes and Jenkins
- Performance testing of Spring Boot API's with Scala Scripts and Gatling
- Tool development for migration of data with Python and PostgreSQL scripts

INTERNSHIP

Intern

Tata Consultancy Services

📅 June, 2018 – July, 2018   📍 Kolkata, West Bengal, India

- Defined the database entities and the relationship between the database entities with proper schema and normalised them following database normalisation rules
- Backend web development based on MVC architecture using J2EE including Core Java, JDBC, SQL, JSP, Servlet, Spring Framework, Maven Dependencies and hosted using Apache Tomcat
- Frontend web application development using HTML, CSS, Bootstrap and Javascript

PROJECTS

Data Ingestion and Extractions

Tavisca, A cxLoyalty company

- On event of incoming file on AWS S3 bucket, AWS Lambda is triggered that makes a post request on newly created Kubernetes pod where Spark Job runs. Ingestion of data takes place and further spark jobs extract Data and the extracted file is uploaded on another AWS S3 bucket.

Scheduler API

Tavisca, A cxLoyalty company

- Spring Boot Quartz Scheduler Application which preforms CRUD operations for jobs and schedules different jobs based on cron expressions

Data Migration Tool

Tavisca, A cxLoyalty company

- Migration of data from service databases to intermediate database based on date criteria

Online Canteen System

Tata Consultancy Services

- E-commerce website with both frontend and backend technologies for ordering and stocking of food items

Recommendation System

Final Year Project

- Used Machine Learning algorithms on publicly available data fetched using Facebook Graph API

PROGRAMMING LANGUAGES

JAVA 8   JAVA 11   SQL   Python   Scala   PHP   C   C++   C#

SKILLS

Git   AWS   Spark   Spark SQL   Kafka   Postgres   Spring Boot   Spring security   JPA   JWT
JUnit   Airflow   Quartz   Docker   Kubernetes   EC2   Jenkins   Sonar Qube   Gatling   Linux

HTML   CSS   SCSS   SASS   Bootstrap   Javascript

TOOLS/EXPERTISE

Intellij   Pycharm   PgAdmin   Dbeaver   Kafka Tool   Postman   Kibana   Grafana   S3   Cloudwatch
Localstack   Anaconda   Sypder   VS code   Sublime

DESIGN/BEST PRACTICES

Design Patterns   System Design   Microservices   Clean Code   SOLID Principle   REST API   TDD

COURSES

Data Structure   Algorithm   Database Management System   Operating System   Object Oriented Programming

EDUCATION

B.Tech in Computer Science & Engineering
Techno Main Salt Lake

- 2015 – 2019
- CGPA: 8.45

Kolkata, West Bengal, India

Higher Secondary School
Himalayan International School

- 2012 – 2014
- Percentage: 82.8

Patna, Bihar, India

Secondary School
Arya Bal Shanti Niketan

- 2011 – 2012
- CGPA: 9.2

Munger, Bihar, India

CERTIFICATIONS

- Certified by NPTEL on DBMS, Object Oriented Analysis And Design and Programming in C++
- Certified by Codechef for competitive coding challenge SnackDown2017

LEADERSHIP EXPERIENCE

- Head of Curbrain, a coding club in my college. Conducted several online and offline coding events. Led ComputeAid, a coding community in Edge2019 (techno-management fest of my college)

STRENGTHS

Quick Learner   Problem Solver   Team Player   Reliable   Adaptable