ANISA PATRA

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Full Stack Engineer with a robust 2+ years of experience specializing in development of microservices and data integrations. Strong proficiency in large scale ETL integrations and Backend development especially related to user authentication and security.

EXPERIENCE

JAN 2023 - PRESENT

ASSOCIATE FULL STACK ENGINEER, NIMBLEWORK

- Managed **Single Sign-On (SSO)** and Identity Management leveraging Keycloak.
- Engineered a NodeJs app for providing **centralized authentication** and **identity management**, significantly impacting authentication of over **10k+ users**.
- Integrated SSO authentication with 3 leading **Identity Providers (IDP's)** such as Google, Microsoft Azure, Ping Federate to enhance user accessibility.
- Developed a WebGateway on NodeJs for **proxy management** that ensured security.
- Implemented **Domain Based Routing** to efficiently route services 2 distinct domains.
- Established **Event Driven Architecture** using Kafka for seamless communication between services and effectively doubling the speed of updates.
- Innovated a **rest API query** language using Java, which transpiles OData expressions to Mongo queries, resulting in a 60% improvement in data retrieval.
- Implemented a common **Retry Module** in Spring Boot application for handling recoverable exceptions, reducing downtime risks by 20%.
- Currently working on an interactive drag and drop modern form management system using **React and Redux**, with an estimated 30% reduction in form creation time.
- Using Kubernetes and Docker for production and local services **deployments** respectively.

DEC 2021 – DEC 2022

TRAINEE INTEGRATION ENGINEER, NIMBLEWORK

- Built customized **data integrations** and migrations pipelines using Snaplogic and MySQL.
- Build **ETL** flows for bulk data migration using Apache NIFI and MongoDB reducing data transfer time by over 50%.
- Implemented **embedded integrations** using Tray, cutting the turnaround time for configuring an integration by around 80%.
- Led a professional services team of 4 and completed multiple customize data integration flows.

EDUCATION

PRESENT

MASTERS OF COMPUTER SCIENCE, MUMBAI UNIVERSITY

**2021
9.28 CGPA**

BACHELOR OF COMPUTER SCIENCE, RAMNARAIN RUIA COLLEGE

SKILLS

- Databases: MySql | MongoDB | Redis
- Frontend: Javascript | ReactJs
- Backend: NodeJs | Python | Java | R
- ETL: Apache NIFI | Tray
- Data Streaming: Apache Kafka | GraphQL
- Deployments: Docker | Kubernetes

CERTIFICATES

- Introduction to Big Data
- MongoDB Aggregation Framework
- Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning
- Server Side Javascript with NodeJs