Mazidul Islam

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Industry Experience

Prospecta Software Pvt. Ltd. | Development Engineer   February 2023 – Present

- Designed and implemented **Task Analytics**, a user-friendly dashboard that visually highlights task performance metrics (SLA compliance, rejection trends, efficiency) to help teams make informed, data-backed decisions.
- Created the **Hierarchy View** feature to simplify complex relationships between master records and datasets into an intuitive visual interface, improving clarity for users managing interconnected data.
- Developed a **Long-Lived Token** authentication system (during a 4-day hackathon!) to securely connect external systems with MDO's APIs, reducing integration friction for partners.
- Built a **Technical Profiling Tool** that scans master datasets to identify data health issues like duplicates, missing values, and inconsistencies, empowering teams to proactively improve data quality with **100% accuracy**.
- Collaborated with cross-functional teams to deliver a **360° View Dashboard**, giving users a centralized snapshot of data quality, related records, activity logs, and analytical insights directly on the homepage.
- Engineered a custom **Adapter Integration** to sync master records between MDO and external platforms like SAP/CPI, ensuring seamless validation and real-time data consistency.
- Introduced **Hierarchy Restriction Controls**, allowing admins to limit how many hierarchies users can edit or extend, preventing configuration sprawl through customizable workflows.
- Automated repetitive workflows by designing a **Task Scheduler** for the Data Intelligence Workbench, supporting daily, weekly, monthly, or custom-triggered job executions.

Projects

Internet Speed Meter ▷

An Android application that helps users monitor their internet speed and usage in real-time. It provides a visual representation of data usage through a chart and tracks app usage while securely storing data for up to 30 days.
Highlight: Over **500k installs** on Google Play Store.

JWT Spring Security ⎇

A Spring Boot application that implements JWT-based authentication and role-based authorization using Spring Security. It provides a robust foundation for securing RESTful APIs by ensuring that only authenticated users with appropriate roles can access specific resources.

Education

Manipal University Jaipur   Feb 2024 - Present
Bachelor of Computer Applications

Masai School, Bangaluru   June 2022 - Jan 2023
Java Backend Developement

Technical Skills

Programming Languages: Java, Kotlin, Python, JavaScript, Scala

Backend Development: Spring Boot, Elasticsearch, Hibernate, JPA, RabbitMQ, gRPC, JUnit, Apache Spark, jBPM

Android Development: Java, Kotlin

Frameworks and Libraries: Spring Boot, Hibernate, jQuery

Tools and Platforms: Android Studio, Docker, Git, Bitbucket, Nexus, Firebase, AWS, Google Cloud Platform, Nexus, Jenkins

Databases: MySQL, PostgreSQL, Elasticsearch