

ABDUL DANISH

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Experience

DigitalDots Technologies Pvt Ltd

Nov 2022 – Present

Java Backend Developer

Hyderabad, India

- Played a key role in Building the Low code platform (Evolve) aimed at accelerating the Digital Transformation journey for enterprises by infusing AI to power the composite business orchestrations and enable business models on the cloud.
- Active participation in product design thinking sessions to analyze functional specifications and help definition of product user experience and define **API Swagger** specifications.
- Responsible for Building and maintaining Backend Services, Developing **Microservices** using **RESTful Web Services** utilizing **Java, Spring Boot**, and relational and/or NoSQL databases **PostgreSQL/MongoDB** while implementing various **Design patterns** to improve scalability, maintainability and performance
- Built a reusable framework using **Kafka** for the microservices to communicate with each other asynchronously.
- Hands-on experience in working with **Minio** for managing object storage and integrating file handling capabilities within the platform.
- Improved the performance of all microservices using **Redis Caching** techniques.
- Executed unit tests for various service layers and components of the application using **JUnit** and **Mockito** to ensure the correctness of the codebase by maintaining **95%** code coverage.
- Developed and integrated custom Authorization Filters using **Spring Security** to enforce role-based access control (RBAC) and secure Platform APIs.
- Mentored a team of 2 Junior developers with development skills and keep up with the fast-paced environment of a startup.

Projects

Workflow Automation Platform for Orchestrations | Java, Spring Boot, PostgreSQL, MongoDB

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- Users can create, modify, and monitor multi-step workflows that integrate with external services such as APIs, databases, and message queues.
- Built a robust, fault-tolerant orchestration engine that executes workflows with high reliability, ensuring tasks are processed in the correct sequence and with efficient error handling.
- Enabled workflows to trigger based on external events (e.g., API calls, time-based events) and perform a wide variety of automated actions such as sending emails, processing data, or invoking APIs.
- Integrated robust authentication mechanisms (OAuth, JWT) and ensured secure access to sensitive workflows, data storage, and machine learning models, following best practices for user privacy and data protection.
- Implemented Spring Batch based cloning solutions to automate the end-to-end duplication of complete solutions within the platform.
- Integrated OpenL Decisions to manage business rules and decision tables within workflows, allowing users to automate complex decision-making processes based on real-time data.

Profile Links

- Leetcode

Technical Skills

Languages: Java, SQL

Technologies/Frameworks: Spring Boot, Spring Security, Spring Data JPA, Spring Batch, Kafka, Redis

Database: MongoDB, PostgreSQL

Version Control: GIT, Github

Testing tools: Postman

Devops: Docker, Kubernetes, SonarLint

Education

Global Institute Of Engineering and Technology

2018 - 2022

Bachelor of Technology in Information Technology (CGPA of 7.03)

Hyderabad, Telangana, India

Narayana Junior College

2016 - 2018

Maths Physics and Chemistry (Percentage of 88.3)

Hyderabad, Telangana, India

Rich Monds High School

2015 - 2016

SSC[X] (CGPA of 7.8)

Hyderabad, Telangana, India