

SYED TANZEEM AHMED

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SUMMARY

Highly skilled Java Developer with over 3.6 years of extensive experience in designing, developing, and deploying robust applications. Proficient in utilizing the Spring Boot framework to create and manage RESTful web services and APIs. Adept at database management using MySQL, ensuring data integrity and performance optimization. Leveraged the Spring framework to build scalable microservices architectures and integrated third-party libraries to extend application functionality. Demonstrated expertise in diagnosing and fixing defects using IntelliJ IDEA and employed Git and GitHub for version control, promoting effective collaboration and code management. Strong background in Agile methodologies, contributing to iterative development, continuous integration, and effective project management. Possesses strong problem-solving skills and excels as a collaborative team player

PROFESSIONAL EXPERIENCE

EdCloud Solutions | Java Developer | 2021-Present

Responsibilities and Project Details:

- **Technology Stack:** Java Spring Boot REST API and MySQL database.
- **Comprehensive Solution:** Covers all aspects of school management from student admission to payroll.
- **Integration Capabilities:** Includes SMS and email integration for better communication.
- **User Access:** Different portals for students, parents, teachers, and administrators.
- **Customizable Reports:** Ability to generate and customize various reports.
- **Event and Task Management:** Tools for managing school events, tasks, and assignments.
- **Data Handling:** Robust data management, import/export features, and inventory tracking.
- **Third-Party API Integration:** Integrated third-party APIs for SMS and email services.
- **Report Generation:** Utilized third-party libraries for efficient generation of Excel and PDF based reports, optimizing report generation process.
- **Spring Boot Development:** Developed REST controllers, service, and repository layers using Spring Boot, ensuring modularity and well-structured application.
- **Security:** Implemented authentication and authorization mechanisms using Spring Security and JWT tokens, ensuring secure access to resources.
- **Code Optimization:** Employed Lombok and Model Mapper libraries to streamline code development, reducing boilerplate code and improving maintainability.
- **Data Validation:** Implemented Spring Validation to enforce data integrity and validate user inputs.
- **Error Handling:** Developed an exception-handling mechanism to gracefully handle errors.
- **API Testing:** Utilized Postman for testing and validating RESTful APIs, ensuring robust and error-free communication between components.
- **Debugging:** Diagnosed and fixed defects through debugging processes in IntelliJ IDEA.
- **Pagination:** Implemented pagination to efficiently manage large datasets and improve application performance.
- **Data Persistence:** Developed entity classes using Hibernate JPA, optimizing data access and persistence.
- **Java 8 Features:** Leveraged Java 8 features, including Stream API, to enhance code readability and performance

ACADEMIC QUALIFICATION

Bachelors of Computer Application | Bengaluru City University | 2018-2021

TECH STACK / SKILLS

Proficient in Java, SQL, JSON, Spring Boot, Spring MVC, Hibernate, JPA, J2EE, REST API, JWT tokens, Spring Security, Spring Validation, Postman, IntelliJ IDEA, Maven, JUnit, Lombok, MySQL, third-party APIs for SMS and email services, Excel and PDF report generation libraries, Agile, Scrum, AWS, and Java 8 features including Stream API.