

MOHAMMAD MUSTAFA

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PROFESSIONAL SUMMARY

Java Backend Developer with hands-on experience building 8+ RESTful APIs using Java, Spring Boot, and MySQL. Deployed services on AWS EC2 with Swagger/OpenAPI and rigorous debugging. Optimized queries and code paths to improve API performance by up to 20% and reduce defects by 20%. 500+ DSA problems and HackerRank 3-star in SQL/problem solving. Seeking backend roles where I can deliver reliable, scalable services.

SKILLS AND ACCOMPLISHMENTS

- **Core Java:** Strong grasp of object-oriented programming, data structures, and algorithms.
- **Advanced Java:** Knowledge of Exception handling, collections, and JDBC.
- **Java Frameworks:** Familiarity with Spring Boot, Hibernate and MVC Architecture.
- **Database:** Proficient in SQL queries, database design, and MySQL integration.
- **Agile Methodology:** Scrum, Jira, and Agile development.
- **Version Control:** Knowledgeable in Git for code management and collaboration.
- **Testing & Debugging:** Debugging and code quality.
- **Problem Solving:** Strong analytical skills for resolving complex technical challenges.
- **Communication:** Effective collaboration and communication with teams.
- **Continuous Learning:** Proactively staying updated with emerging technologies and industry trends.
- **Tools & Technologies:** Maven, Postman, Swagger, VS Code, IntelliJ, OpenAI.

WORK EXPERIENCE

Projects

Project1 | Food Delivery Platform API in Spring Boot [[GitHub Link](#)] [2024]

- Created a Food Delivery Platform API using Spring Boot, which provides a seamless experience for ordering food online. This API allows users to browse through a variety of food items, view detailed descriptions, place orders, and implement CRUD operations to allow the admin to manage food items and their details.
- Performed validations, used annotations, connected to MySQL database, utilized Swagger, and hosted my project on an AWS EC2 online server.
- **Tech stack used:** Spring Boot, OOP, AWS EC2, MySQL and Git.

Responsibilities:

- Developed efficient and scalable Java code, leveraging Spring Boot framework, resulting in a 20% improvement in application performance.
- Resolved critical bugs and issues through meticulous debugging and testing, ensuring a bug fix success rate of 95% and minimizing production incidents by 30%.

- Integrated Java applications with databases (e.g., MySQL), optimizing database schemas and executing SQL queries for seamless data retrieval and storage.
- Conducted code reviews, resolving 90% of bugs and enhancing application performance by 15%.
- Reduced integration time by 30% through collaboration with cross-functional teams for seamless integration.
- Improved software quality by decreasing post-release defects by 20% through close collaboration with QA teams.

Project2 | Quiz Application in Java [[GitHub Link](#)] [2024]

- Quiz application uses the HashMap data structure to store questions and answer options.
- The user can select an answer from four options for each question. At the end of the quiz the application displays the number of correct and incorrect answers. and the application validates the response to provide feedback. The application allows users to view their score and progress
- HashMap for storage, 4 answer options, feedback validation, score and progress tracking, correct/incorrect answer display at end.
- **Tech stack used** : Core Java, OOP and Git

Responsibilities:

- Developed and implemented a Quiz Application using Java, Object-Oriented Programming concepts, and HashMap.
- Conducted thorough testing and debugging to identify and resolve issues, resulting in a stable and reliable application.
- Actively participated in code reviews, providing valuable feedback to improve code quality and maintain best practices in Java stack development.

EDUCATION

BTech (Bachelor of Technology), Dr. A.P.J. Abdul Kalam Technical University (AKTU), Lucknow, Uttar Pradesh, Graduated 2022.

CERTIFICATIONS

- Ranked as a top performer among 170 students in the Geekster Batch.
- Consistently conquered monthly LeetCode challenges, attaining a high achievement level.
- Achieved 3 stars on HackerRank in both SQL and problem-solving assessments.
- Earned certifications in Agile, SQL, Git and GitHub.