

Adeel Feroz

<https://www.linkedin.com/in/adeelferoz77/>

<https://github.com/adeelFeroz77>

<https://adeel-feroz.netlify.app/>

<https://leetcode.com/adeelferoz7/>

Email : adeel.feroz.7@gmail.com

Mobile : +92 3278270980

Karachi, Pakistan

SUMMARY

Full-stack web developer specializing in backend technologies, with expertise in Java, Spring Boot, and Spring Framework. Skilled in optimizing application performance, adhering to clean code practices, and designing flexible databases. Actively engaged in algorithmic problem-solving on platforms like LeetCode and Codeforces. Previous roles as a Software Engineer at Qordata and Stepway involved significant contributions to code optimization and database design. Hold a Bachelor's degree in Computer Science from Mohammad Ali Jinnah University. Experienced in diverse projects including a full-fledged eCommerce store, a Java-based college selection application, and a secure money pooling system.

SKILLS

Java, MySQL, PostgreSQL, Spring, Spring Boot, Struts, JDBC, Hibernate, JPA, JUnit, Mockito, WebSockets, Javascript, Typescript, Angular, Java Server Pages (JSP), JavaFX, Git, Github, Gitlab, BitBucket.

EXPERIENCE

- Northstar Technologies** Karachi Pakistan
Associate Software Engineer Jan 2024 - Present
 - Integrated WebSocket into the email authentication process, enabling users to log in to the website simply by clicking a link sent via email.
 - Developed efficient APIs using Spring Framework to display Widgets and graphs for end-users, optimizing JSON responses to ensure optimal performance and response time for grouped widget calls from the frontend.
 - Spearheaded the migration of database encryption from DES to AES by creating servlets on Tomcat startup, employing separate threads for parallel management, thus enhancing security measures and maintaining data integrity.
- Stepway (Client: Qordata)** Karachi Pakistan
Software Engineer Dec 2022 - Oct 2023
 - Improved Response time of application up to 40% by removing and optimizing large chunks of code and converted them to SQL to obtain better response time.
 - Designed and Implemented Flexible Database with JHipster and JDL that supports Dynamic Fields for adding any number of columns in table on Runtime.
 - Followed Clean Programming practices to avoid code duplications and boilerplate. Designed custom APIs on Spring boot. Supported team with code reviews and optimizations. Used Jhipster and Liquibase to setup new microservice.

ACHIEVEMENT AND PARTICIPATIONS

- ICPC Online Qualifiers (Gold, National Rank 2)** Swabi, Pakistan
Ghulam Ishaq Khan Institute Nov 2023
- ICPC Onsite Contest** Swabi, Pakistan
Ghulam Ishaq Khan Institute Feb 2023
- Code Heists 2.0 (Winner)** Karachi, Pakistan
Mohammad Ali Jinnah University Dec 2022

EDUCATION

- Mohammad Ali Jinnah University** Karachi, Pakistan
Bachelor of Science in Computer Science; CGPA: 3.79 Aug. 2020 - July. 2024

PROJECTS

- EShop:** A full fledge UI based Ecommerce store built on Spring Boot and Angular. Includes all Functionality i.e (Order place/update/delete, Product CRUD, Shipping, payment, coupons)
- FerilUp:** Java Based application using JavaFX to help students select their desired colleges/ universities according to their percentage/result. Complete application that supports user Registration and Login.
- MoneyPool:** Online and secured system to support Money Pooling in Commities. Includes random generators for commities after specfic intervals for group members. Easy to use and maintain.