

MOHAMMED QASIM KHAN

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SUMMARY OF QUALIFICATIONS

- Proficiency in full-stack Java development: Adept at developing scalable and maintainable applications while utilizing OOP principles and frameworks. Adept at creating end-to-end applications by seamlessly integrating front-end and back-end components using Java technologies like J2EE, Springboot, and Hibernate.
- Proficiency in testing/debugging: Good knowledge of application testing protocols and issue resolution.
- Collaboration: Strong team player with excellent communication skills. Able to work collaboratively within cross-functional teams demonstrated when working as a Database Administrator in a team of 6.
- Strong Work Ethic: Committed to meeting project deadlines and continuously improving skills to excel in software engineering; as shown through successful completion of my work experiences, projects, and university degree.
- Problem-Solving Enthusiast: Driven by the challenge of finding innovative solutions and applying software development expertise to create functional applications and user interfaces. Demonstrated by developing 5+ applications projects based on fundamental/popular use cases and system architecture in software development.

Technical Skills

| | | | | | |
|-------------------|-------------------|----------------|-----------------|--------------|-------------------|
| Java (5 Yrs) | Springboot (1 Yr) | Python (3 Yrs) | Django (2 Yrs) | C# (1 Yr) | ASP / .NET (1 Yr) |
| JavaScript(4 Yrs) | React (3 Yrs) | NodeJS (3 Yrs) | C / C++ (3 Yrs) | PHP (3 Yrs) | SQL (3 Yrs) |
| Git (5 Yrs) | MySQL (3 Yrs) | Oracle (2 Yrs) | MongoDB (2 Yrs) | Azure (1 Yr) | AWS (1 Yr) |

PROJECTS

[\[Click Links to View Demo Websites\]](#)

Leetcode |  [My Leetcode Profile](#)

JUN 2022 - PRESENT

- Completed 100+ LeetCode problems, focusing on a wide range of topics including algorithms, databases, and dataset problems. Solved 50+ medium/hard questions as part of monthly coding challenges, showcasing quick problem-solving skills under time constraints.

Bug Tracking / Ticketing Application |  [Click here to view](#)
Java, Springboot, J2EE | Oracle | AWS

JUL 2023 - AUG 2023

- Designed and implemented a user-friendly web interface for submitting, tracking, and managing software issues using Java and Spring Boot.
- Integrated Spring Security to ensure secure user authentication and role-based access control.
- Utilized Oracle database for data storage and retrieval, ensuring reliable and organized bug records.
- Leveraged AWS cloud services for hosting and deployment, ensuring scalability and uptime.
- Implemented unit and integration testing and generated documentation to ensure code quality

Reservation Booking Web App |  [Click here to view](#)
C#, .NET, ASP.NET | Azure SQL | Azure

JUN 2022 - AUG 2022

- Utilized ASP.NET's MVC framework to create a modular and maintainable application architecture.
- Leveraged Azure cloud services for database storage and hosting to achieve scalability and uptime.

EXPERIENCE

Database Administrator Co-op | Toronto Metropolitan University CCS Dept | Toronto **JUN 2020 - AUG 2020**

- Analyzed and organized data of 700+ hosts/domains within the TMU network, leveraging **Google Apps Script**. Integrated this data with **RiskRecon** security metrics, creating comprehensive domain records.
- Collaborated effectively in a team of 6 to conceptualize and design a relational model database. Utilized **MySQL/PHP** stack hosted on an **Apache** server to implement a robust solution that supported internal user roles, access, and management within the department.
- Demonstrated proficiency in automation by creating a **Python** script that utilized **RiskRecon API** to develop a REST API endpoint allowing security data to be synchronised in the database.

EDUCATION

BSc of Computer Science (Honours) | Toronto Metropolitan University

JUN 2022