Muhammad Idrees Khan

**Contact info**

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PROFESSIONAL SUMMARY

An experienced, solutions-oriented professional with 4+ years of background in all aspects of the Software Development Life Cycle, from extensive analysis and design through execution and maintenance. Proficient in utilizing a variety of programs and tools to provide high- quality and cost​effective applications to boost organizational efficiency and productivity. Possess matchless coding and testing skills to deliver client-specific programs in java

Operating Systems: Windows, Mac

Languages: Java, C

Databases: MySQL, PostgreSQL, No Sql Databases

Related Skills: Microservices, Spring, Springboot, REST, Hibernate, Apache Kafka, RabbitMq, Docker, Jenkins, AWS, Microservices, Agile-Scrum, ASP, JPA, Jira, Junit, Postman, Git, GitHub, GitLab, Maven, VS Code, IntelliJ, Apache Kafka, Apache Tomcat, Singleton, Factory, Mockito, XMPP Server,Keycloak, PGSQL, Pub/Sub

## EXPERIENCE

Cydea Tech Feb 2023

*JAVA Developer*

* Develop and maintain back-end services using Spring Boot.
* Successfully led the project migration from Java 8 to Java 17, ensuring improved performance and enhanced features.
* Implemented robust encryption techniques to prevent enumeration, enhancing the security of the application.
* Design and integration of microservices for different modules, leading to a more scalable and modular system architecture.
* Effectively migrated Elastic Search from version 6.5.4 to 7.15.2, optimizing search functionality and overall system performance.
* Conduct thorough Unit Tests using JUnit, ensuring the reliability and correctness of the codebase.
* Updated Elastic Search queries, contributing to efficient data retrieval and analysis.
* Developed and modified REST APIs to enhance communication between different modules of the application.
* Contributed to code clean-up initiatives, improving code readability, maintainability, and adherence to best practices.
* Successfully implemented Kafka queues for handling asynchronous processing and improving system responsiveness.
* Seamlessly integrated provided solutions with new product developments, fostering a cohesive and comprehensive application.
* Technologies Used: Spring Boot, Microservices, Java17, Junit, Elastic Search, MySQL, Git and GitLab, Docker, Kafka, Ruby, Keycloak, Rest Apis.

Convo May 2019 – Jan 2023

*JAVA Developer*

* Developed and maintained back-end services using Spring Boot, contributing to the functionality and reliability of the application.
* Spearheaded the development of backend code for voice note functionality, enhancing communication capabilities for users.
* Proficient in XMPP packets modification for chat-related tasks, optimizing the chat system's performance and features.
* Successfully implemented cross-network chat functionality, allowing users from different networks to communicate seamlessly.
* Led the migration of IOS push, IPNs, and call notifications from HTTP to HTTP2, improving the efficiency and speed of notifications delivery.
* Conducted rigorous Unit Tests using JUnit, ensuring the quality and stability of the codebase.
* Proficient in writing and optimizing database queries, improving data retrieval and management efficiency.
* Developed and modified REST APIs to enable smooth communication between different components of the application.
* Experienced in code deployment on servers, ensuring proper setup and configuration for a production environment.
* Created and executed various payload test cases for messages and calls, validating the application's reliability and performance under different scenarios.
* Successfully integrated provided solutions with new product developments, enhancing the overall functionality and user experience
* Technologies Used:Java8 Java11, Microservices, Spring, Springboot, Apache Kafka, Rabbit MQ, Restapis, MySQL, PgSql, Juint, Jira, Bitbucket, GitHub, etc

**EDUCATION**

Bachelor of Science in Computer Science

University of WAH