

MEHERWER ALI

Senior Software Engineer

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Dubai-UAE(Residence Visa)



EXPERIENCE

Backend Software Engineer Dubai-UAE

AIRRETAILER TECHNOLOGIES LLC -A PRODUCT BASED ORGANIZATION

2022 - Ongoing Dubai-UAE

CORPORATE BOOKING TOOL.

- Part of **core** decision making team regarding the backend architecture.
- Successfully integrated **Sabre** for **AirShopping**, **Order Create** and **Order View** with the product.
- Successfully implemented Specification for dynamic search filtering
- Published **API Guidelines** for the backend team

Senior Software Engineer I Karachi-Pakistan

MEDZNMORE -A PRODUCT BASED ORGANIZATION

2022 Karachi, Pakistan

WORKING ON PROVIDING EASY ACCESS TO HEALTHCARE SERVICES IN PAKISTAN.

- Part of the core backend team for designing and improving the product.
- R&D for critical implementations of backend functionalities.
- Successfully implemented Debezium CDC for CQRS design complying with **Microservice architecture**.

Software Engineer II

Global Northstar Club management ERP

Date period Karachi Pakistan

A product based organization working on northstar club management system which is deployed in multiple countries.

- Applied relevant technical skills to deliver program changes and data separation to implement **multi-tenancy** and **Microservices** in Global Northstar Club management **ERP**.
- Complies with and contributes to standards and procedures to ensure development consistency.
- Successfully implemented **RTopic** and **REDIS PUBSUB** for **Socket messaging** to provide consistency for multiple JVMs, which increased the notification speed by **40%**.
- Refactored the entire **Scheduler** jobs mechanism to support **multi-tenancy** and multiple JVMs, and provide **consistency** for jobs running in the entire application, which Improved tomcat **startup speed** by **50%**.

Development Consultant (Part-time)

LORRYZ

Date period Karachi, Pakistan

A RAPIDLY GROWING DIGITAL FREIGHT NETWORK THAT PROVIDES ON-DEMAND TRANSPORTATION SOLUTIONS IN DUBAI AND PAKISTAN.

- Design structure for enhancements and major alterations worked on Microservices.
- Defines development tasks and provides time estimates to aid in scheduling.
- Assign and coordinate tasks of others. Acts as a focal point to communicate department project activities.
- Deployment on **AWS** production with all the DevOps processing.
- Monitor performance optimization and identify issues before significant live application blockage.
- Recognized and improved code inefficiencies that led to an increase in app stability by **50%**.
- Stabilized application back-end structure of the application that improved development **speed** to **60%**.
- Integrated AWS S3 for user data like images and videos.

SUMMARY

Skilled and enthusiastic Software Engineer with experience in building dynamic web applications. Experience in designing and implementing microservices-based architecture, as well as knowledge of microservices design patterns and best practices. Adept at identifying bugs and prescribing solutions. Currently seeking a job where these abilities can be out to use while serving the purposes of a team and further honing Java programming skills.


SKILLS

| | | | | |
|---------------------|-----------------|----------|------------|--------|
| Springboot | Java | Maven | | |
| Hibernate | Microservice | MVC | | |
| Amazon Web Services | Tomcat | | | |
| MySQL | Postgres | Oracle | | |
| SQL Server | MongoDB | Firebase | | |
| Cassandra | Github | Gitlab | | |
| Bitbucket | AngularJS | ReactJS | | |
| Html | CSS | JSP | JavaScript | |
| JQuery | JSON | Linux | UNIX | |
| UML | Ruby | Rails | ERB | RTopic |
| CICD | Active Records | | | |
| <hr/> | | | | |
| Cooperation | Adaptability | | | |
| Conflict Resolution | TroubleShooting | | | |
| TeamWork | Mentoring | | | |

EXPERIENCE

Junior Full-Stack Developer

CONURE ITS



 Date period  Karachi, Pakistan

An IoT based organization that provides IoT solutions in USA

- Recognized and improved code inefficiencies that led to an increase in **application** stability by **30%**.

Junior Software Engineer Karachi Office-Headquarter

USA REBOOT TECHNOLOGIES -A FIN-TECH ORGANIZATION

 Date period  Karachi, Pakistan

A PRODUCT FOR USA STOCK MARKET

- Worked on OMS and created significant UX changes to incorporate user suggestions.

PROJECTS

AIRRETAILER

 Date period  Dubai, UAE

CORPORATE BOOKING TOOL

- A corporate booking tool that provides all in one booking functionality for airlines, hotels, and transportation and is NDC 21.3 compatible and has a One Order mechanism.
- Designed Air Retailer core product architecture with integration to 2 Supplier **Sabre** and **British Airways**.
- Technologies:** Springboot, Hibernate, Postgres, Cassandra, JUnit, Microservices, SpringCloud, Eureka
- Website:** <https://airretailer.com>

MULTI TENANCY - Globalnorthstar

 Date period  Karachi Pakistan

A project to improve the utilization of server resources, enhance user and support experience, and align with modern technologies by redesigning the architecture and structure of the Northstar product.

- Increased the notification speed by **40%** using **REDIS PUBSUB**.
- Improved tomcat startup speed by **50%** by improving **Scheduler** implementations.
- Technologies:** Spring, Microservices, Struts, JSP, Hibernate, Redis, Docker, Ajax, XPath, UNIX.
- Website:** www.globalnorthstar.com

LORRYZ

 Date period  UAE

An online platform that connects cargo owners and truckers to improve delivery efficiency, transparency, and control through booking, tracking, and feedback. The platform is accessible through the web and a smartphone app.

- Improved code inefficiencies that led to an **increase** in app stability by 50%.
- Stabilized** application backend structure of the application that improved development **speed** to **60%**.
- Technologies:** Springboot, Hibernate, Debezium, Microservices, Kafka, JUnit, MongoDB, MySQL, UML
- Website:** <http://medznmore.com>

EDUCATION

Bachelors in Computer Science

FAST(National University of Computer and Emerging Sciences)

 Date period

ACHIEVEMENTS



Debezium Implementation

Successfully implemented **Debezium** as **CDC** for logging **SQL** changes and sinking data to **NoSQL MongoDB** for **CQRS** design.



Sabre Integration

Successfully integrated **Sabre** for **AirShopping, Order Create and Order View** with the AirRetailer Product.