

# Usama Ghori

Full Stack / Java Developer

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02 February, 1993

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Experienced software engineer with a versatile skill set encompassing performance optimisation, bug fixing, system enhancement, and software architecture. Eager to work in an environment that promotes continual learning and growth, collaborating with dynamic teams to drive innovation and excellence

# **EDUCATION**

# Bachelor's - Information Technology

**IMSA University** 

05/2013 - 05/2017

Hyderabad

#### Additional modular studies:

# Online (Self-taught)

Courses

- Python

- Django

- Data Science/R

MongoDB

- Angular

Express is

Swagger

IWT

- CI/CD Pipeline (Github Actions/Docker)

- Microservices(Hystrix/Eur eka/Spring Cloud)

#### **WORK EXPERIENCE**

### Software Engineer **E-Quality Software**

10/2022 - Present Karachi

Achievements/Tasks

- Developed and maintained web applications using technologies such as Spring MVC, Spring Boot, Hibernate,
- Worked with software development and testing team members to design and develop robust solutions to meet client requirements.
- Utilised MySQL for database design, optimisation, and data manipulation tasks.
- Developed scalable, modular and API-centric infrastructures for innovation in products using Java, React JS and Vue JS, while used swagger and JWT for internal functionalities.
- Provided guidance and mentored less-experienced staff members.

#### **Software Engineer**

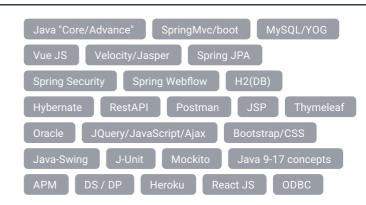
#### Wamtsol

03/2019 - 09/2022

Hyderabad

- Crafted elegant, high-performance code that powered innovative features and maintained critical systems, using Java 8 and JSP
- Worked with Velocity and Jasper to create and maintain
- Used Frameworks like Spring and Struts to develop robust web services and JQuery for client side functionalities.
- Meticulously investigated and swiftly resolved complex software defects, ensuring optimal user experiences and uninterrupted functionality

#### **SKILLS**



# ADDITIONAL PROJECTS / EXPERIENCE

#### **Network Analysis**

- Leveraged Windows API functionalities to access low-level system information and performance metrics.
- Parallelised tasks such as making HTTP requests, processing data, and measuring performance, significantly improving efficiency and response times asvnchronously.
- Used Vue.js lifecycle hooks and custom instrumentation to measure rendering times, component load times and data load through AXIOS.
- Extended the solution to perform scalability and simulating various user scenarios and identifying potential bottlenecks under heavy loads.

#### Performance Enhancement

- Investigated the application's memory management and garbage collection behaviour.
- Implemented thread tracking mechanisms to monitor thread utilization and concurrency.
- Employed techniques such as algorithmic improvements, data structure optimisations, and caching strategies
- Documented performance enhancements, configurations, and best practices.
- Identified areas where resource usage was excessive and made necessary adjustments and logged information to optimise performance.

#### **Events**

- Responsible for managing an annual event for Japanese consulate in
- Managed music and costume festivals for LUMHS.

# LANGUAGES

Urdu

English

Professional Working Proficiency Full Professional Proficiency

# INTERESTS

Travel Science Psychology Gaming