**Taha Tauquir**

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**SUMMARY**

Software Engineer with 5+ years of experience developing large enterprise applications using Java, Spring Boot, REST APIs, microservices, and Redis. Specialized in financial systems with successful cloud deployments on Azure. Microsoft Azure certified professional with strong advocacy for clean code, Agile practices, and CI/CD pipelines. Available immediately for full-time roles.

**EXPERIENCE**

**Senior Java Developer | Systems Limited (Client: Mashreq Bank, UAE) Oct 2023 – Sept 2024**

* Designed and implemented Java-based microservices for Mashreq Bank's digital banking platform using Java 17, Spring Boot, Kafka, Redis, and Azure.
* Delivered key services like Customer Risk Rating, CRS/FATCA Tax Declaration, and Document Management System. Ensured data consistency and integrity during real-time synchronization between Redis, Oracle DB, and external systems.
* Wrote unit and integration tests using JUnit and Mockito to ensure high code coverage.
* Used UML and architecture diagrams for service design and stakeholder alignment.
* Participated in Agile events and sprint planning with international teams for quick delivery cycles.

**Senior Software Engineer | Centegy Technologies (Based in UAE) Aug 2019 – Oct 2023**

* Led architecture and backend development for an enterprise General Insurance System (GIS) using Java, Spring Boot, and Spring Security (OAuth).
* Migrated legacy monolith systems to RESTful microservices, improving maintainability.
* Conducted security audits and resolved vulnerabilities based on penetration testing reports.
* Developed an insurance portal using Spring Boot and Angular, to fulfill client-specific needs.
* Utilized Agile practices and worked cross-functionally to deliver secure, high-performance applications on time.

**SKILLS**

**Programming Languages:** Java, Python

**Frameworks:** Spring Boot, Spring Cloud, JPA, Spring Security, Spring MVC, Hibernate, JSP/Servlet, J2EE

**Databases:** Oracle, SQL Server, MySQL, PostgreSQL, Firebase, MongoDB

**Frontend & Web Technologies:** JSP, Angular Framework, HTML, JavaScript, TypeScript (familiar), React (learning), jQuery, JSON, AJAX, CSS

**Infrastructure & Tools:** Git, Jenkins, CI/CD Pipelines, MQTT, RabbitMQ, Kafka, Redis, Docker, Microsoft Azure, Kubernetes (AKS), AWS (familiar)

**Build Tools & Web Servers:** Maven, Gradle, Docker, Apache Tomcat, Oracle Web Logic

**Testing & Documentation Tools:** JUnit, Mockito, Selenium, Swagger, Postman

**Software Development Practices:** Microservices Architecture, Cloud Computing, RESTful API Development, Agile Methodologies, Scrum, SDLC, Test-Driven Development (TDD), UML, Multithreaded Application Development, Distributed System Development

**SUPPLEMENTARY EXPERIENCE (UK)**

**Student Ambassador| Nottingham Trent University May 2025 – Present**

Represented the School of Science and Technology at outreach events and mentored MSc students, sharing academic and industry insights.

**EDUCATION**

**Master of Science in Computer Science| Nottingham Trent University**

Nottingham, United Kingdom | Sept 2024 – Sept 2025 **Grade: Distinction (1st Class)**

**Bachelor of Science in Software Engineering | IQRA University**

Karachi, Pakistan | Sept 2015 – May 2019

**CERTIFICATION**

**Microsoft Certified: Azure Fundamentals (AZ-900) | Microsoft**

Issued: Sep 2025 | Credential ID: wMoao-Fa44

**Major Projects**

**Distributed File Management System (Similar to Torrent):**

Developed a secure, distributed file system with AES encryption, dynamic scheduling (Round Robin, FCFS, and SJF), load balancing, and real-time monitoring. Built a JavaFX-based admin dashboard for system management and traffic simulation.

**Event Management System:**

Built a cloud-native event management system on Azure AKS with microservices for event CRUD, ML-based semantic search, currency conversion (with Redis caching), and map integration. Integrated Google Maps and third-party APIs, ensured high availability with multi-replica pods, and implemented JSON file locking for concurrency. Accessible via mobile app and admin panel.

**Mashreq Bank Microservices:**

Delivered core banking microservices for Customer Risk Rating, CRS/FATCA Tax Declaration, and Document Management. Collaborated with UAE-based clients and international Agile teams to design scalable architectures, ensure system reliability, and meet strict delivery timelines.

**General & Health Insurance System**

Built secure, scalable backend services and APIs for a GIS platform, integrated third-party APIs, and resolved security issues from penetration tests. Led GIS Hospital Portal development and collaborated with UAE clients to deliver tailored features in an Agile environment.

**Additional Projects:** More details and projects are available on my portfolio: [www.taha-tauquir.com](http://www.taha-tauquir.com)