

Muhammad Ali

Senior Software Engineer (Java - Microservices)

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SUMMARY & PERSONALITY

Results-oriented Java developer with over 5+ years of hands-on experience in designing, developing, and maintaining robust Java applications.

Known for efficiently translating complex requirements into code and solving technical challenges with a practical approach.

Proven ability to collaborate within cross-functional teams, contributing to project success.

Seeking opportunities to leverage expertise in Enterprise Applications to drive impactful outcomes.

I believe software engineering isn't just a typical job, but rather a kind of art that requires creativity and passion.

EDUCATION

Bachelor's degree - Computer Science & Software Engineering

Zagazig University 2013-2017

Diploma - Cybersecurity & Penetration Testing

Information Technology Institute 2013-2017

LANGUAGES

English ●●●●●
Proficient

Arabic ●●●●●
Native

EXPERIENCE

Senior Software Engineer

Emirates Group Dubai

09/2022 - Present

- Working on the corporate payment gateway project.
- Providing input on technical design, software development, implementations, and maintenance of software solutions.
- Developing a microservices system designed to handle all diverse payment transactions originating from Emirates and its affiliated entities.
- Participating in all phases of the migration process from a monolithic architecture to microservices.
- Collaborating with architects to write software and technical design documents.
- We achieved 40% product revenue growth, and reduced costs by 30% after introducing the new system.

SKILLS

General

Agile Development • Domain Driven Design • Event Driven Design • Test Driven Development • Software Architecture • Microservices • Payment Gateways • Reactive Programming • Web Application Security

Programming Languages

Java • Python • Javascript • C++

Frameworks

JavaEE • JavaFX • Android Development • Spring Boot • Spring Framework • Hibernate

Platforms & Technologies

Apache ActiveMQ • Apache Kafka • Apache Camel • Keycloak • ELK • Drools • HAPI FHIR • Jasperreports • Redis

Databases

Oracle Database • PostgreSQL • MongoDB • NoSQL

Source Control | Devops | Cloud

GIT • GitHub • AWS • Docker • Kubernetes • Openshift • Jenkins

Tools

Maven • Gradle • IntelliJ Idea • Netbeans • JMeter • Excalidraw • draw.io

Microservices Developer

Techvista

📍 Abu Dhabi

📅 2022 – 2022 (Contract)

- Systems MEA is an MEA-based subsidiary of Pakistan's largest IT company, Systems Limited, with a clientele of 400+ public and private institutions.
- Worked for the Abu Dhabi Islamic Bank as a back-end developer.
- I focused on digital transformation projects and microservices in my work.

Java Software Engineer

Musala Soft

📍 Remote

📅 2021 – 2022 (Contract)

- Worked for Raisin Bank on Investment Tribe.
- Focused on microservices and back-end development.
- Adhered to an Agile software development workflow.

Software Engineer

Atos

📍 Cairo

📅 2021 – 2021 (Contract)

- Worked for Banque Misr as a client, developing microservices and back-end systems.
- Participated in a digital transformation project called MDI.
- Built proofs of concept for new APIs.
- Incorporated new technologies into the system.
- Implemented event-driven programming, Domain-Driven Design (DDD), and web application security expertise.

Java Developer

Satra/OneKey

📍 Cairo

📅 2021 – 2021 (Contract)

- Engaged in security, full-stack, and integration projects as a web developer for a company that provides a fully-fledged community management platform.
- Integrated third parties to provide digital access as a service.

Java Developer

Self Employed

📍 Cairo

📅 2018 – 2021

- Developed enterprise resource planning (ERP) applications for small-sized companies and stores.
- Worked part-time for companies like B-Connect, remote.com, and WUZZUF.
- Applied event-driven programming, web application security, and web services experience.

Information Systems Officer

Egyptian Ministry of Defense

📍 Egypt

📅 2018 – 2020

- Enlisted as a reserve officer in the Egyptian ministry of defense, I had the opportunity to participate in developing a web and desktop ERP applications.
- Migrated two web projects from .NET MVC to Java, Java EE, and Spring.
- Participated in research and face recognition projects, while contributing to the back end and improving and maintaining underlying web services.
- Acquired experience in Android development and web application security.

CERTIFICATION

Certified Java Associate

Oracle

AWS Cloud Practitioner

AWS

(CND) Certified Network Defender

EC-Council

(CEH) Certified Ethical Hacker

EC-Council

(CESA) Certified Security Analyst

EC-Council

GitHub Professional

GitHub

Career Essentials in SWD

Microsoft

PROJECTS

Emirates CPG

Emirates Group

📍 Dubai

📅 2022 – Present

- Developed an enterprise system responsible for processing all payments issued by Emirates and its subsidiaries.
- Took part in all phases of the migration process from a monolithic architecture to microservices.
- Built proofs of concept for new technologies.
- Collaborated with architects writing software and technical design documents.

HOBBIES

💎 Reading & Writing

💎 Poetry & Painting