

# Muhammad Ali

## Senior Software Engineer

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📍 Dubai, UAE

🐙 GitHub: [github.com/ZaTribune](https://github.com/ZaTribune)



## 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. Committed to continuous improvement and achieving tangible results through diligent work and innovative problem-solving.

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

## MY LIFE PHILOSOPHY

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.

## 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

- 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.

## 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.
- We achieved 40% product revenue growth, and reduced costs by 30% after introducing the new system.

## HOPPIES



Reading & Writing



Poetry & Painting