Muhammad Ali

Senior Software Engineer

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👤 Personal Website

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📍 Dubai, UAE

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SUMMARY & PERSONALITY

Results-driven Java developer with a pragmatic mindset, dedicated to delivering high-quality software solutions.
Possessing 5+ years of hands-on experience in designing, developing, and maintaining robust Java applications.
Known for translating complex requirements into efficient code and solving technical challenges with a practical approach.
Proven ability to collaborate within cross-functional teams and contribute to project success.
Committed to continuous improvement and achieving tangible results through diligent work and innovative problem-solving.
Seeking opportunities to leverage my 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

Frameworks
- JavaEE
- JavaFX
- Android Development
- Spring Boot
- Spring Framework
- Hibernate

Platforms & Technologies
- Apache ActiveMQ
- Apache Kafka
- Apache Camel
- AWS
- Docker
- Kubernetes
- Openshift
- Keycloak
- ELK
- Drools
- HAPI FHIR
- Jasperreports
- GIT
- GitHub
- Redis

Databases
- Oracle Database
- PostgreSQL
- MongoDB
- NoSQL

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
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
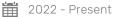**GitHub Professional**
GitHub
Career Essentials in SWD
Microsoft

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