

# Mostafa Farid Saad

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## Objective

To obtain a challenging Integration Engineer position, leveraging my technical background in software engineering and expertise in seamlessly integrating different applications, systems, and platforms. Committed to delivering high-quality integration solutions, I possess excellent analytical and problem-solving skills, communication and collaboration skills, and the ability to work effectively under pressure.

## Education

### Helwan University

Cairo

Bachelor of Computer Engineering

2017 – 2022

**Accumulative Grade:** Good (74%)

## Work Experience

### • Tech-Hub Integration Developer, Oct 2022 - Present

As an Integration Engineer, I design, implement, and maintain software systems that connect various applications, systems, and platforms. With strong technical skills and analytical thinking, I collaborate with software developers, project managers, and business analysts to ensure seamless integration across different software systems. My expertise in data mapping, transformation, and validation, as well as my proficiency in programming languages such as Java and node.js, enable me to troubleshoot and resolve integration issues efficiently. I hold a Bachelor's degree in Computer Engineering and have excellent communication skills, making me an effective team player and contributor.

## Training courses

### • Service Oriented Architecture (SOA) and Microservices at NTI, Oct 2022 – Feb 2023

Interned at NTI, gaining practical experience in Service Oriented Architecture (SOA) and Microservices. Developed software systems using modern software development approaches, including creating small, autonomous services that communicate with each other using standardized interfaces and protocols. Utilized IBM App Connect and API Connect to integrate applications, and IBM MQ for messaging. Gained skills in software development, data management, and communication, and collaborated with other developers and project managers to deliver high-quality software solutions.

## Projects

### Instant Payment Network Simulation

The project involved simulating an instant payment network using IBM App Connect, IBM MQ, and IBM API Connect. The goal was to create a scalable and secure payment network that could support real-time payments between different financial institutions. IBM App Connect was used to integrate different payment systems, while IBM MQ was used to facilitate messaging between the payment systems. IBM API Connect was used to create APIs that could be used by external parties to interact with the payment network. The project involved designing and implementing a

secure and reliable payment network that could handle large volumes of transactions. Various security measures, including encryption and authentication, were implemented to ensure the security of the payment network. Through this project, we gained practical experience in using modern integration technologies to develop complex payment systems. We also gained experience in collaborating with other developers and stakeholders to deliver high-quality solutions that meet business requirements.

## Gamification Platform

- Tech-Hub Gamification Platform is a platform that enables organizations to create and manage gamified experiences for their employees, customers, or users. We are building the platform on the top of Nakama framework to leverage its features and provide a configurable and customized features to our clients. We are using NodeJS to wrap the Nakama APIs and add our new features and we are also using Integration tools such as IBM ACE, API Connect and IBM MQ to integrate with our customers' already existing services and products.

## Technical Skills

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|---------------------------|--|
| • C/C++, Java, and NodeJS | • IBM API Connect  |
| • Data Structures & OOP   | • Node JS, SQL, JSON, XML, GIT   |
| • IBM App Connect (IIB)   | • Knowledge of DataPower, IBM BPM, Red Hat OpenShift, Containers Kubernetes. |
| • IBM MQ                  |  |

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## Achievements

- Dimensions HUB Fund-Raising member.

## Personal Skills

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**Languages:** Native Arabic – Excellent English

**Soft Skills:** Emotionally intelligent – Self-motivated – Attention to detail – Critical thinking – Communication – Team player – Curiosity – Leadership – Adaptability

**Military Status:** Exempted

**Reference upon request**