

# Youssef Khaled Abdou

## Software Engineer

Dokki, Giza Governorate, Egypt | +201150648044 | Github : [eng-yossef](#)  
yossefkhaled551@gmail.com | LinkedIn: [Yossef Khaled](#)

### SUMMARY

an ambitious **undergraduate Junior Java Developer** with two years of hands-on experience in Java programming. With a strong background in machine learning and deep learning algorithms, including Python ,CNNs, RNNs, Java and C++, driven by a passion for innovation and problem-solving. Eager to contribute my skills and continue learning, I'm committed to making meaningful contributions to software development projects.

### INTERNSHIP

**Mern Stack Development track | ITI Aswan**

**Mobile application Development using Flutter track | ITI Aswan**

**AI and Iot track | NTI Aswan**

**13 August: 24 August 2023**

**31 January : 8 February 2023**

**7 December 2023: 18 April 2024**

### TECHNICAL SKILLS

#### Back-End

- C++,python Programming Language
- Java SE
- Java EE
- RMI , Networking using java
- Java IO , Multithreading
- Database and SQL Language

#### Principles And Concepts

- OOP and Data Structure Theories
- Design Pattern
- Docker
- Deep Learning
- IOT
- Tools:  
Eclipse - IntelliJ IDE –NetBeans IDE– Visual Studio Code

#### Front-End

- HTML5 – CSS3
- JavaScript ,and TypeScript
- Bootstrap

- Git & GitHub
- XML and JSON knowledge
- Problem-solving
- ML

### PROJECTS

- **Movie-app using Flutter**
- **Heart Disease Prediction model** using ANN
- **Mnist Hand Written Digits Classification** using CNN
- **House price prediction** using ML (Linear regression)
- **Object detection model** using RNN (VGG16 architecture)
- **Jarvis AI Assistant** using pytsx3

### EDUCATION

**Study at Computer Engineering , Faculty of Engineering ,Aswan University.**

(Expected Graduation: **6/2026**)

---

## COURSES AND CERTIFICATES

---

- **Java Development SE From Mahara-Tech**
  - I learned essential Java SE concepts and gained hands-on experience in object-oriented programming, preparing me to excel in contributing to Java-based projects.
- **Java IO and Network programming From Mahara-Tech**
  - I've mastered Java IO and Network programming, equipped to develop robust applications with efficient file handling and network communication capabilities.
- **Super way to Learn Arduino | Creative From Udemey**
  - I've acquired proficiency in Arduino programming, adept at designing and implementing embedded systems solutions for various applications.
- **Deep Learning for Computer Vision**
  - I've gained expertise in Deep Learning for Computer Vision, proficient in developing and deploying convolutional neural networks for image analysis tasks.
- **Applied Deep lerning From Mahara-Tech**
  - I've mastered Applied Deep Learning techniques including Machine Learning, Artificial Neural Networks (ANNs), Convolutional Neural Networks (CNNs), and Recurrent Neural Networks (RNNs). Equipped with the knowledge to tackle diverse real-world problems, I'm prepared to leverage deep learning models to drive innovation and solutions in challenging projects.
- **Master JDBC Servlet JSP Spring | Learn - Java Basics From Udemey**
  - I've gained comprehensive expertise in JDBC, Servlets, JSP, and Spring frameworks, enabling me to develop robust, scalable, and efficient Java web applications. With hands-on experience in database connectivity, server-side programming, and Spring's advanced features .
- **Asynchronous web Development From Mahara-Tech**
  - I've mastered Asynchronous Web Development using Java, Ajax, and jQuery, proficient in creating dynamic and responsive web applications with seamless data exchange.
- **Orange Digital Center (ODC )SE Hackathon**
  - I've mastered C++ Basics and utilized the SFML library to simulate a NASA spacecraft, leading my project to win the competition with 1<sup>st</sup> rank .
- **Java Data Base Connectivity(JDBC) From Mahara-Tech**
  - I've honed my skills in JDBC, enabling seamless interaction with databases and proficient management of data access in Java applications.
- **In AmidEast, Egypt, During Scholarship Period :**
  - Career Development Training                      - Academic Skills Training
  - Character Building Training                      - English Training

---

### Scholarship

---

- **access alumni**
  - The English Access Microscholarship (Access) Program provides a foundation of English language skills to talented 13-20 year-olds from economically disadvantaged sectors through after-school classes and intensive sessions , Funded by Amideast.

December 2017: December 2019

---

## LANGUAGES

---

Arabic - Native

English – B1