

# Zeinab Hany Kamel

☎ 01068807881

📍 Egypt-Damietta-New Damietta

✉ [zeinab1hany@gmail.com](mailto:zeinab1hany@gmail.com)

in <https://www.linkedin.com/in/zeinab-hany-663b06245>

🐙 <https://github.com/zeinabhany>

## PROFILE

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Dedicated Communication Engineering Demonstrator with experience teaching electronics, wireless communication, and circuit design at the Higher Institute of Engineering and Technology in New Damietta (NDETI). Skilled at simplifying complex concepts and connecting theory to practical applications for students.

Alongside academic work, I have strong experience in programming and front-end development, including HTML, CSS, JavaScript, and React. I also have basic exposure to ERP systems through Odoo 18.

My background combines teaching with applied technical skills, with a focus on integrating software development into communication engineering solutions.

## Education

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### Pre-Master in Electronics and communications

📅 2024- Now

Mansoura University, Engineering College.

### Bachelor's in Electronics and Communication Engineering

📅 2018-2023

Higher Institute of Engineering and Technology in New Damietta

Cumulative Grade of Graduation: very good (B)

### Graduation Project

📅 2022-2023

Design and implementation of reconfigurable filtenna for wireless Communication.

Graduation Project Grade: Excellent (A+).

## Training

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### AWS Academy Cloud Foundations Intern

📅 Mar 2025 – May 2025

AWS Academy Cloud Foundations Program – Presented by Amazon Web Services (AWS)

#### Description:

Introduction to cloud computing concepts, AWS global infrastructure, and core services including EC2, S3, RDS, and Lambda. Gained hands-on experience in deploying cloud solutions and managing resources using the AWS Management Console. Covered networking, security, identity and access

management (IAM), billing, and architecture best practices. Emphasized real-world use cases and foundational knowledge for future specialization in cloud and DevOps roles.

### **Artificial Intelligence Fundamental Intern**

📅 Aug 2024 – Sep 2024

SkillsBuild Digital Training Program Artificial Intelligence

Fundamental Track at IBM SkillsBuild Presented by Education for Employment (*efe*)

#### **Description:**

Introduction to Artificial Intelligence, Natural Language Processing and Computer Vision, Machine Learning and Deep Learning , Run AI Models with IBM Watson Studio , AI Ethics , Your Future in AI: The Job Landscape.

### **Front end development Intern**

📅 May 2024 –Jul 2024

Web development training at Magnificent Training.

#### **Description:**

(Off-the-job learning part of MAIS apprenticeship program)

Trained in: modern web development technologies including HTML, CSS, and JavaScript, practical work with the React framework, and collaborative team projects. In addition to soft skills development in CV writing, personal branding, and communication, with monthly career coaching.

## **Experience**

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### **Demonstrator at Higher Institute of Engineering and Technology in New Damietta-NDETI**

📅 Feb 2024 -Now

#### **Description:**

Wireless communication, Electronics test 5 , Design with Matlab ,circuits 2, Electronics test 4.

### **Job Search Club training by the International Department of Labour.**

📅 Jan 2023 – Feb 2023

#### **Description:**

Trained in: communication skills, CV writing, and cover letter preparation, as well as job interview training and relationship building.

### **Trainee at IMT Company**

📅 Aug 2022–Sept 2022

#### **Description:**

Trained in: C Revision , C user defined data types, C Preprocessor, Embedded Systems Concepts, DIO, LCD - Keypad ,Interrupt - EXTI , ADC - Analog Sensor, Timer - Overflow Mode , Timer - Servo and watchdog , Communication Protocols , UART , SPI , I2C as well as EEPROM.

### **Trainee at Smart home**

📅 Aug 2021–Sept 2021

#### **Description:**

Trained in: home automation ,Lighting control , Climate control, Background music ,Curtains & Shutter control ,Swimming pools control , Logical operation, LPR system for recording plates numbers, fire alarm, lot solution as well as security system.

## **ACHIEVEMENT**

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IEEE competition

The international competition on smart innovation technologies (IC-SIT'2023)

## **TECHNICAL SKILLS**

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- OdoO(Odoo 18 (Implementation & Configuration, Record Rules & Access Rights and User Training & Support)
- Html
- CSS
- Javascrpt
- Bootstrap
- Git, GitHub
- Matlab
- Mircsost office
- *Adobe after effect*
- *Phtoshop cc*

## **SOFT SKILLS**

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- Communication
- Presentation
- Time Management
- *Energetic person*
- *Flexible person ,I`m highly adapting to change*
- *Teamork*

## **LANGUAGES**

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- Arabic : Native
- English : B1