

انس محمد امين محمد - ٢٠٢٢

خريج قسم هندسة الالكترونيات والاتصالات - 2022

انس محمد امين محمد  
PHI-Comm-2022



## Education

### Master of Science - Electronics & Communications Engineering

Ain Shams University – ASU

Jan 2023 – present

Advanced Mathematics, Optics, IC Design, Digital Signal Processing, Programming.

### Bachelor's Degree in Electronics and Communications Engineering

Pyramids Higher Institute for Engineering and Technology – PHI

Oct 2017 – Jun 2022

- Cumulative Grade: Excellent (A)
- Graduation Project: Smart City, Grade: Excellent (A+)

# انس محمد امين محمد

## PHI-Comm-2022



## Anas Mohamed Amin Mohamed

### Software Testing Engineer

✉ [enganas225@gmail.com](mailto:enganas225@gmail.com)

☎ +20 1113106152

📍 Cairo, Egypt

🌐 [/in/anas-m-amin](https://www.linkedin.com/in/anas-m-amin)

🐙 [github.com/AnasMAmin](https://github.com/AnasMAmin)

#### Summary

Quality Control Engineer with strong experience in the Fintech domain, delivering and testing solutions such as InstaPay, NPS, and Meeza. ISTQB® Certified (CTFL v4 | CTFL-AT | CT-MAT | CT-PT) and a graduate of ITI's 9-Month Software Testing & Quality Assurance track, with expertise in manual, automation, and Database testing across web, mobile, and API platforms. Skilled in ensuring quality, compliance, and early defect detection within SDLC/STLC.

#### Experience

##### Software Quality Control Engineer

July 2025– present

Egyptian Banks Company(EBC)

- Perform functional, regression, API, and performance testing on Fintech solutions (InstaPay, NPS, Meeza).
- Ensure quality, compliance, and early defect detection within SDLC/STLC.

##### 9-Month Professional Diploma in Software Testing & Quality Assurance

Oct 2024 – June 2025

Information Technology Institute (ITI), Smart Village Branch

- Manual Testing Courses, Web Application Dev & Testing Courses, Test Automation Courses,
- Software Quality Assurance & Process Improvements, & AI in Software Testing.

##### Telecom Engineer

Mar 2024 – Oct 2024

Telecom Egypt-We (Full-time)

##### Teaching Assistant

Jan 2023 – Jan 2024

Pyramids Higher Institute for Engineering and Technology – PHI (Part-time)

- Assist Doctors in Teaching Undergraduate Courses on Satellites, MATLAB, C-Programming, and Microprocessors.

#### Technical Skills

##### Software Engineering

- Software Development Life Cycle (SDLC)
- Requirements Engineering (SIQ, CRS, SRS)
- Software Design (HLD, LLD)
- Test Design & Execution (Test Plans, Test Cases, Testing Summary)
- Defect Management (Bug Reporting, Tracking)
- Requirements Traceability Matrix (RTM)

##### Testing and QC

- SW testing techniques: black box, white box, etc.
- Test Automation: Selenium, Maven, TestNG, Playwright, Cypress.
- Mobile App testing: Appium, TestNG, and Android Studio.
- API testing: Postman and REST Assured.
- Performance testing: JMeter.

##### Quality Assurance:

- QA concepts process, audits, documentation.
- CMMI for development, ASPICE Standards.

##### Database

- SQL, SQL Server.

##### Programming

- Programming Languages (Java, C, C++, C#).
- Scripting Languages (JavaScript).
- Markup Languages (HTML, CSS, XML).

##### AI in Testing

- Generative AI and prompt engineering.
- AI-driven testing, including test case generation, defect prediction, and test optimization to enhance coverage.

##### Security Testing:

- Vulnerability assessment and security validation based on OWASP Top 10 practices.

# انس محمد امين محمد PHI-Comm-2022



## Certificates

- > ISTQB Certified Performance Tester (CT-PT) Certificate code: 250520005, Date: May 2025
- > ISTQB Certified Agile Tester (CTFL-AT) Certificate code: 250305005, Date: March 2025
- > ISTQB certified Mobile App Tester (CT-MAT) Certificate code: 250219006, Date: March 2025
- > ISTQB Certified Foundation Level (CTFL v4) Certificate code: 250113022, Date: January 2025
- > Huawei 5G Certification (HCIA-5G) Certificate NO. 0101038660855808462971413145

## Projects

### Automation Testing projects

Designed and implemented a Selenium-based automation framework using Java, Maven, TestNG, and the Page Object Model (POM) design pattern. Automated end-to-end e-commerce workflows including user registration, login/logout, product selection, cart management, and order placement.

### QA project

End-to-End QA activities in a real-world simulated project, producing key deliverables such as CRs, SRS, HLD, LLD, RTM, Test Plans, Test Cases, Defect Reports, and Testing Summary Report.

### API Testing project

Developed an API automation framework using Postman and REST Assured to test Google Maps API operations (Add, Get, Delete Place). Validated responses with assertions, handled JSON payloads, and implemented request chaining for end-to-end testing.

### Web Application project

Developed websites using HTML, CSS, and JavaScript, ensuring responsive design and optimal user experience.

### Traffic Sign Detection and Recognition

It is an intelligent transportation system, enhancing road safety and optimizing traffic management. This project implements a Traffic Sign Detection and Recognition system using MATLAB, leveraging machine learning techniques and masks to improve accuracy and robustness.

### Educational Projects

Smart Cars projects, IOT Smart Systems, Fire Systems, Security Systems, etc.

## Training Programs

### 6-Month Software Development, DevOps Engineer Program

Apr 2024 – Oct 2024

#### Digital Egypt Pioneers (DEP)

DevOps Essentials, Docker, Continuous Integration/Continuous Deployment (CI/CD), Intro to Kubernetes, Cloud Services, Different Cloud Architecture Design Principles, AWS Cloud.

#### Embedded System (Self-Study)

- Embedded C/C++ Programming
- Microcontroller/Microprocessor
- Real-Time Operating Systems (RTOS)
- Hardware Design and Debugging

#### Mobile Communications Technologies

- GSM, GPRS, EDGE, CDMA, UMTS, HSPA, LTE, LTE-A, 5G Standalone and Non-Standalone

#### Communication Systems (Telecom Egypt-WE)

## Tools

- |                  |               |           |           |
|------------------|---------------|-----------|-----------|
| > IntelliJ       | > Trello      | > Eclipse | > GitHub  |
| > Android Studio | > Jira        | > JMeter  | > Postman |
| > Visual Studio  | > Code blocks | > MATLAB  | > Arduino |

## Additional info

Military service: Completed as a Soldier.

Languages: Arabic, English

# انس محمد امين محمد - ٢٠٢٢



خريج قسم هندسة الالكترونيات والاتصالات - 2022

ادارة الدراسات العليا والبحوث

انس محمد امين محمد  
PHI-Comm-2022

## افادة

بناء علي الطلب المقدم من الباحث / انس محمد أمين محمد

نتشرف بالإفادة بأن سيادته مقيداً بدرجة ماجستير العلوم الهندسية في الهندسة

الكهربائية "الالكترونيات والاتصالات"

بموافقه مجلس الكلية على القيد في: ٢٠٢٣/٢/٢٠

وما زال مقيد حتى العام الجامعي ٢٠٢٣/٢٠٢٢

وهذه أفادة منا بذلك دون ادني مسئولية علي الكلية.



مدير عام الكلية

١٤١١ / ٤ / ٢٠٢٣

نشوي بهجت عيد

مدير الإدارة

كشور مباح المر

٢٠٢٢ / ٤ / ١١

الموظف المختص

إبراهيم سيد سليمان



انس محمد امين محمد  
PHI-Comm-2022

## CERTIFICATE OF COMPLETION

PROGRAM SPONSORED BY



Ministry of Communications  
and Information Technology

OF EGYPT

This certificate is awarded to

**ANAS MOHAMED AMIN MOHAMED**

for successfully achieving excellence in

**Digital Egypt Pioneers Program**

**Software Development - DevOps Engineer**

April to October 2024.



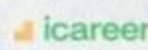
Dr. Hesham Farouk

*Hesham Farouk*

Technology Development Consultant, MCIT,  
DEPI General Manager



Digital Egypt Pioneers



Dr. Hoda Baraka

*Hoda Baraka*

Advisor to Minister of ICT for Technology  
Talents Development

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PHI-Comm-2022



## Anas Mohamed Amin

Software QC Engineer @EBC | InstaPay | IPN | Meeza | Fintech || M.Sc. student || ITI 9-Months Graduate || ISTQB® Certified (CTFL v4 | CTFL-AT | CT-MAT | CT-PT).

Egyptian Banks Company • Ain Shams University  
Cairo, Egypt

**500+ connections**

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Enhance profile

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## ISTQB Exam Result Notification

Inbox

SECC\_ISTQB



SECC Exam... 12/29/2025

to me ▾



Dear **Anas Mohamed Amin Mohamed**

We are pleased to inform you that you have successfully passed the **CT-GenAI - ISTQB® Certified Tester - Testing with Generative AI** exam.

- **Exam Date:** 2-Dec-2025.
- **Certification Date:** 27-Dec-2025.