

# Seif Tamer Nabil

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## Experience

### Internships:

#### - Quality Control – Orange-Egypt:

- Worked closely in the Data & Digital transformation Department
- Actively participated in defining test plans and quality plans for simulator features and analysis.
- Designed innovative testing scenarios targeting different areas of the mobile application
- Made sure the simulator worked well and kept an eye on how fast it was.
- Testing APIs using postman
- Wrote and executed test cases.

#### - Web Developer - Egypt Air:

- Developed user interfaces and layouts using HTML, CSS (frontend)
- Worked with server-side languages such as java to handle database operations and user authentication (backend)
- Utilized MySQL for database management tasks.

#### - App Developer – Seven :

- Assisted in creating test cases and test designs for the ongoing application development.
- Contributed to UI development, enhancing user experience and interface functionality.
- Collaborated with the team to ensure the application met quality standards.

## Education:

. British Academy School - Graduation Date: 2021

. Bachelor of Computer Science (Software Engineering), Cairo University - Graduation Date: 2025

## Projects:

### ➔ Trello Application backend Development (March 2024):

- Developed a **backend system** using Red Hat's **Java EE technologies** for task management and collaboration.
- Implemented **RESTful APIs** and **real-time messaging** to support user interaction and productivity.
- Ensured strong security measures for **data integrity** and confidentiality.

**Java EE, RESTful APIs, Real-time messaging, Postman**

### ➔ **Shipping System Project(Dec 2024):**

- Developed a full-stack shipping app using.
- Containerized backend, frontend, and database with **Docker** for scalable deployment.
- Deployed on **OpenShift**, ensuring high availability and reliable access.

**Node.js, React, and PostgreSQL**

### ➔ **Othello Game Development with AI (June 2024):**

- Developed a Python-based game with Tkinter GUI and **AI** using **Minimax** with **Alpha-Beta pruning**. **Python, pyGame**

### ➔ **Flight reservation system (June 2023):**

- Designed and developed a user-friendly flight **reservation system** using **Java** and **MySQL**.
- Optimized system performance and data management with **Entity-Relationship** Diagrams.
- Demonstrated expertise in software development and **database design** for flight reservations.

**Microsoft Forms, MySQL, Visual Studio Code**

## **Certifications:**

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- Introduction to C++ - IT share [2022]
  - Web Developer Intern - Egypt Air [2023]
  - Red Hat Linux Certified System Administrator [2024]
  - Digital marketing – Cairo university [2022]
  - Quality Control Specialist Intern - Orange EGYPT [2023]
  - Red Hat Certified JBoss Developer [2024]
  - Red Hat OpenShift Introduction to Containers with Podman [2025]
  - CTFL4- ISTQB Certified Tester Foundation Level v4 [2025]
  - APP Developer Intern – Seven [2025]

## **Skills**

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**Languages:** Java, Python, C/C++, C#, SQL (Postgres, Microsoft SQL server), JavaScript, HTML/CSS.

**Frameworks:** React, Node.js, Flask, JUnit, Spring boot ,WordPress, Material-UI, Fast API.

**Developer Tools:** Git, Docker, TravisCI, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse.