

# KEROLIS KHALAF SHAFIK

IT Student | Software, Systems & DevOps Oriented

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## summary

Information Technology undergraduate with hands-on experience in software development, data-driven systems, and Linux-based environments. Worked on large-scale, KPI-driven projects related to autonomous vehicle data, ensuring high accuracy and reliability under tight deadlines. Interested in software engineering, systems, and DevOps/cloud environments, with a strong ability to learn quickly, adapt to structured workflows, and contribute effectively within engineering teams.

## EDUCATION

**Egyptian E-Learning University** Ain Shams Branch

**2022 - 2026**

BACHELOR OF INFORMATION TECHNOLOGY

TOTAL GPA : 3.24

## WORK EXPERIENCE

**Data labeling Specialist** AT-Micro Engineering Tech INC **nov 2024 - Apr 2025**

- Labeled and validated datasets for autonomous vehicle and mobility projects in a high-volume environment.
- Maintained 99.3% accuracy while working under strict KPIs and same-day deadlines.
- Exceeded productivity targets by completing 46 tasks in one day and collaborated within structured, cross-functional teams.

**Data Entry & Database Assistant** Dar Elfouad laboratory **feb 2024 - Aug 2024**

- Managed and verified sensitive patient and staff data using internal systems and MySQL.
- Ensured data integrity and confidentiality by reviewing and correcting inconsistencies.
- Provided IT/helpdesk support, troubleshooting hardware, software, and network issues.

## PROJECTS

### **NLP Image Caption Generator**

Built an NLP-based system that generates descriptive captions from images using machine learning techniques, focusing on data preprocessing and model evaluation within an AI pipeline.

### **Diabetes Classifier (Pattern Recognition)**

Developed a machine learning classifier to predict diabetes from patient data, emphasizing feature selection, accuracy evaluation, and reliable data-driven decision making.

### **AI Word Puzzle Game**

Designed an AI-driven word puzzle game with adaptive difficulty and intelligent hints, demonstrating algorithmic thinking and structured problem-solving.

### **Full-Stack E-Commerce Website (MEAN Stack)**

Implemented a complete e-commerce system using MongoDB, Express.js, Angular, and Node.js, focusing on REST APIs, authentication, and scalable backend architecture.

### **Frontend Project (Angular - Crypto Exchange Platform with Dark Mode) [Demo](#)**

Built a responsive crypto exchange web app using Angular 17 with dark/light mode toggle, clean UI, and simulated live crypto data. Focused on performance, reusable components, and modern design.

# **CERTIFICATIONS**

## **Digital Egypt Pioneers Initiative (DEPI) – DevOps Track**

Currently enrolled in the DevOps track, gaining hands-on experience in CI/CD, Linux administration, Docker, Kubernetes, and cloud fundamentals.

## **Cloud Services Management and Operation**

Completed cloud architecture training focusing on cloud infrastructure design, deployment models, and system scalability.

## **Google WTM with Hash# :workshop "The Modern Era of Cybersecurity in the Age of AI"**

Acquired foundational knowledge in deep learning concepts and neural network architectures.

## **Getting Started with Deep Learning | NVIDIA CERTIFICATE**

Gained practical understanding of machine learning workflows and model training techniques.

## **MICROSOFT: SECURITY, COMPLIANCE, AND IDENTITY FUNDAMENTALS SC-900**

Built solid knowledge of cloud security, identity management, and compliance principles within Microsoft environments.

Microsoft

## **Cisco CCNA (Introduction to Networks & Switching, Routing, and Wireless Essentials)**

Developed strong fundamentals in networking, routing, and enterprise network infrastructure.

## **Data Literacy Essentials & Data Literacy in Practice (CIB & SAS)**

Strengthened skills in data interpretation, analysis, and data-driven decision-making.

## **National Telecommunication Institute (NTI)**

Full-Stack Development Training (MEAN Stack)

# **SKILLS**

## **Technical**

- Programming: Java, Python, C++, SQL, JavaScript
- Software & Backend: Node.js, Express.js, REST APIs
- Data & Systems: MySQL, MongoDB, Data Handling, Linux
- Frontend (Secondary): Angular, HTML, CSS, Bootstrap
- Tools: Git/GitHub, Microsoft Office

## **Additional Skills**

- Solid knowledge of data structures, algorithms, and OOP concepts
- Experienced with Microsoft Office (Word, Excel, PowerPoint)
- Comfortable working with Windows and Kali Linux operating systems
- Quick learner with strong internet research abilities

## **Personal**

Quick learner | teamwork | communication skills | Leadership skills | Good problem solver | Analytical Skills | Time management | Attention to details

# **LANGUAGE**

*Arabic : native / English :Intermediate (B1)*