**Omar Sameh Mohamed**

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[LinkedIn](https://www.linkedin.com/in/omarsameh2001/) | [Github](https://github.com/OmarSameh2001)

**Education**

Arab Open University – Cairo, Egypt 2020 – 2024

* Bachelor’sdegree in Computer Science

**Experience**

**ITI -** **Full-Stack Developer Intern** - Cairo, Egypt Nov 2024 - Present

* Participating in the ITI ICC program, developing web applications with Python backend, React frontend, RESTful APIs, database design, responsive interfaces, and collaborating with teams.

**Scale AI -** **AI Training and Evaluation Specialist** - Remote Nov 2024 - Present

* Create competitive programming problems with solutions to optimize LLM training and performance. Evaluate LLM responses in web development, databases, and algorithms.

**FreshPrint.EG -** **Full-Stack Developer Intern** - Cairo, Egypt Jul 2024 - Aug 2024

* Developing an **ERP** system using **MERN** stack, contributing in several key areas.
  + On the Server-Side I integrated Google Cloud services for improved performance and scalability.
  + On Client-Side I implemented caching and pre-mount fetching which enhanced speed by 50%.
* Worked in a fast-paced highly collaborative agile (scrum) environment, Adhering SDLC process.

**Courses**

**Route Academy** Cairo, Egypt

* Full **React** diploma (React, Next JS) Jan 2024

**MaharaTech** (ITI academy) Cairo, Egypt

* Complete **Node JS** Course (Node, Express, Mongo)Apr 2024
* **SQL** Database Fundamentals (MySQL) Jun 2024

**Projects** [**Portfolio**](https://portofolio-bice-mu.vercel.app/)

[**Fastapi Computer Vision**](https://github.com/OmarSameh2001/fastapi-computer-vision)Sep 2024

* FastAPI server for YOLO inference supports image classification and object detection.

[**Odoo Real Estate**](https://github.com/OmarSameh2001/odoo-realestate-module/tree/main/custom_addons/first_app) Aug 2024

* The Odoo Real Estate module streamlines property management, sales, and operations.

[**React E-Commerce**](https://github.com/OmarSameh2001/E-Commerce-React)Feb 2024

* Created a complete fully functional **e-commerce** web application using **React**.

[**React Car Inspector**](https://github.com/OmarSameh2001/Car-Inspector-React)(Graduation Project)Mar 2024

* Web app developed using **React**, and **YOLO** CV library to detect defects in car parts.

[**Node Insurance System**](https://github.com/OmarSameh2001/insurance-system)May 2024

* **Node.js** system manages Insurance aspects with full CRUD, auth, and JWT.

[**Node File System**](https://github.com/OmarSameh2001/insurance-system)Aug 2024

* Implemented a **file management system** using **Node.js**, **Google Drive API**, and **AWS S3**

[**React-Native Personal Companion**](https://github.com/OmarSameh2001/pocket-buddy)May 2024

* Designed and built a **Mobile App** that is an all-in-one daily personal companion app.

**Skills**

**Programming languages:** Java, JavaScript, C#, python, TypeScript.

**Technical Skills**: HTML/CSS, Object Oriented Programming principles, Algorithm, Data Structure, Machine Learning Algorithms, Problem Solving Skills.

**Frameworks and Libraries:** React.js, Next.js, Node.js, Express.js, Mantis UI, Multer.

**Database and Cloud:** Database Design, MongoDB, Mongoose, SQL, AWS, Google Cloud, Git Version Control.