

# Yousef Sabry

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Software Developer | React & Data Analysis

Summary

**Software Developer** specializing in **Front-End Web Development** with React, TypeScript, and Redux Toolkit, experienced in building responsive, user-centric applications and integrating data-driven features using **machine learning and data analysis**. Passionate about problem-solving, collaboration, and adopting new technologies to deliver innovative web solutions.

Education

**Menoufia University:** Bachelor's degree in Computers and Information  
Major: Computer Science

October 2020 – June 2024

Experience

**Frontend Developer Intern : SEF Academy**

February 2024 – May 2024

- Contributed to building responsive, user-friendly web interfaces using HTML, CSS, JavaScript, and React, collaborating with senior developers to implement UI/UX improvements, integrate REST APIs, and manage frontend state with hooks and Context API.
- Gained experience in agile development, Git, and debugging, optimizing performance and ensuring cross-browser compatibility.

**Google Developers Groups on Campus : Al-Azhar University**

April 2025 – August 2025

- Completed an intensive 29-hour Front-End Development course (Advanced JavaScript & Git) covering JavaScript fundamentals, ES6 features, advanced JavaScript patterns, and Git & GitHub workflows.
- Implemented three practical projects during the course and delivered the final capstone (GDGC Al-Azhar Final Project) focusing on responsive UI, modular JavaScript, DOM manipulation, and client-side state management.

**ML For Data Analysis Intern : NTI Institute**

August 2024 – November 2024

- Completed a Machine Learning internship at NTI, where I applied ML, Deep Learning, and NLP techniques to solve real-world data analysis problems using Python and relevant libraries.
- Gained hands-on experience in data collection, cleaning, exploratory data analysis (EDA), and visualization using tools like Power BI, alongside building predictive models for insightful decision-making.
- Built and evaluated ML models (Decision Tree, Random Forest) for fraud detection; improved detection accuracy through feature engineering.

Technical Skills

- Programming Languages:** Java, JavaScript, SQL, Python, C++
- Frontend Technologies:** HTML ,CSS ,SASS ,JavaScript , Bootstrab , React js ,TypeScript ,Redux ToolKit ,Git & GitHub
- Data & ML:** Pandas, NumPy, Matplotlib, Dask ,sci-kit-learn, PyTorch, seaborn, Docker, Power BI
- Concepts:** Problem Solving, Data Structures, Algorithms, OOP, SOLID, RESTful APIs, Database Management, Unit Testing, Microservices

Projects

**Personal Portfolio Development** | Live Demo

ReactJS, CSS, React Hooks

- Built a fully responsive and modern personal portfolio website showcasing skills and projects.
- Utilized React Hooks (useState, useEffect) and modular, reusable components for scalable, clean, and maintainable code.

**Build E-Commerce App** | Github Code

React, Typescript and Redux Toolkit

- Developed a modern, scalable, and responsive e-commerce platform with product listing, cart functionality, and efficient state management .
- Applied best practices in code organization, modular design, and reusable components to enhance maintainability, scalability, and performance.

**College Graduation Project – Full-Stack Web Application** | Github Code

React, .NET, REST APIs

- Built a full-stack web application applying modern development practices, clean architecture, and efficient state management for scalability
- Designed a responsive UI with reusable components to ensure cross-device compatibility and maintainability.

**Housing Dataset - Data Analysis Project** | Github Code

- Cleaned the dataset by handling missing values and applied statistical methods to uncover data patterns and trends.
- Built predictive models to forecast future trends and created visualizations to communicate findings effectively.

**Electronic Payment Fraud Detection (NTI Graduation Project)**

- Collected, cleaned, and preprocessed data to train machine learning models, including Decision Tree and Random Forest.
- Evaluated models based on performance, deployed using Streamlit, and visualized results interactively with Power BI

Certifications & Training

Web Development — Digital Egypt Initiative (Udacity) | Web Development — ITI Institute | Google Developers Groups on Campus — Al-Azhar University | Frontend Developer Track (120 Hours) — SEF Academy | Machine Learning for Data Analysis — NTI Institute | Soft Skills — NTI Institute