

# MOHAMED ELYASS

## Front-End Developer

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### Summary

Front-End Developer with strong experience in building responsive, scalable web applications using React, Vite, and Tailwind CSS. Skilled at designing clean UI/UX, reusable components, and dynamic dashboards. Additionally experienced in Machine Learning and AI research, applying data-driven models to real-world problems. Passionate about delivering high-quality digital experiences and continuously growing through hands-on projects.

### Education

**Ain Shams University** 2020 - 2025  
Bachelor of Computer Science

### Work Experience

**Web Developer – ExpAds Marketing Agency**  
Cairo, Egypt | 2025-Present

- Developed and maintained WordPress-based websites tailored to client branding and marketing strategies.
- Customized themes, plugins, and layouts to improve performance, responsiveness, and user experience
- Managed website hosting, domain configuration, and deployment using Hostinger.
- Optimized website speed, SEO structure, and security settings to enhance digital presence and lead generation.
- Collaborated with marketing teams to implement conversion-focused landing pages and campaign tracking integrations..

**Machine Learning Intern — Elevvo**  
Remote | Sept 2025 – Oct 2025 (1-month program)

- Participating in a competitive, structured internship focused on **Machine Learning, NLP, and Data Analytics**
- Completing **4 real-world ML tasks** involving data preprocessing, model development, evaluation, and deployment
- Working with publicly available datasets and applying industry-standard tools such as **Python, Pandas, Scikit-learn, and TensorFlow**
- Publishing completed tasks on LinkedIn as part of a professional portfolio to demonstrate technical skills and project outcomes
- Eligible for performance-based badges: **“Outstanding Contributor”** and **“High Achiever”**, awarded to top-performing interns
- Will receive an official certificate from Elevvo upon successful completion of the internship

## Skills

- React.js
  - MUI
  - Python
  - JavaScript
  - Wordpress
- Tailwind
  - DOM & BOM Manipulation
  - TensorFlow
  - Scikit-learn
  - SQL
- HTML5
  - RESTful APIs
  - Pandas
  - NumPy
  - Shopify
- SEO
  - TypeScript
  - Matplotlib
  - PyTorch
- CSS3
  - (ES6+)
  - Seaborn
  - Git

## Languages

english

Proficient

arabic

Native

## Projects

SecureMind – Security Awareness Training Platform

Cairo, Egypt  
2024 – 2025

SecureMind is an interactive platform designed to educate users on identifying and handling malicious content such as phishing emails, scam job offers, suspicious URLs, fake news, and misleading reviews. The system employs machine learning models to detect phishing attempts across multiple categories— including emails, news articles, URLs, reviews, and job offers—and alerts users in real-time. Additionally, the platform features a gamified experience where users can apply their learned skills by guessing whether content is real or scam, helping to reinforce their security awareness through practical engagement and feedback.

- Research from this project was presented at the 2025 1st Future International Conference on Artificial Intelligence and Cybersecurity (FICAC25) and led to a published paper on intelligent phishing detection and user-focused cybersecurity training.

Property4U – Real Estate Platform

Cairo, Egypt  
2024-jun

Developed a dynamic, full-featured real estate platform using React.js and Material-UI, including:

**Property Details Page:** Interactive slideshow of property photos, price, beds/baths, and descriptions with API-driven dynamic rendering.

**Contact Page:** Responsive contact form with real-time feedback and contact info cards.

**Filter Page:** Enabled users to filter properties by price, location, and multiple criteria, sending queries to REST APIs for live results.

**API Integration & Wrapping:** Wrapped and integrated multiple REST APIs to fetch property listings, details, and photos efficiently.

**Responsive UI & UX:** Flex-based layouts for desktop and mobile, polished design with Material-UI components.

**Highlights & Skills:** API integration & wrapping, dynamic rendering, filtering with query parameters, interactive slideshows, responsive design, error handling, React state management.

**Tech Stack:** React.js, Material-UI, React Router, REST APIs, Axios/fetch, react-slideshow-image.

## TitanCrypto – Cryptocurrency Tracking & Management App

Cairo, Egypt  
2023 -2024

Developed a dynamic, full-featured cryptocurrency platform using React.js and Material-UI, including:

**Dashboard:** Real-time tracking of cryptocurrency prices, market trends, and portfolio performance using live API data.

**Portfolio Management:** Users can add, remove, and monitor holdings with dynamic calculations of profit/loss and percentage changes.

**Crypto News & Alerts:** Integrated external news APIs to provide latest cryptocurrency updates and push notifications for price changes.

**API Integration & Wrapping:** Wrapped and consumed multiple REST APIs for live price data, historical trends, and market analytics efficiently.

**Responsive UI & UX:** Designed interactive charts, tables, and dashboards with Material-UI components and responsive flex layouts for desktop and mobile.

**Highlights & Skills:** API integration & wrapping, real-time data handling, dynamic charts, responsive design, state management, error handling, React hooks.

**Tech Stack:** React.js, Material-UI, React Router, REST APIs, Axios/fetch, Chart.js / Recharts.

## React Dashboard

Cairo, Egypt  
Nov 2024

- Developed a **custom business dashboard using React, Vite, and Tailwind CSS**
- Integrated a **command palette using cmdk** for fast in-app navigation and improved user experience
- Implemented interactive components, dynamic data visualization, and responsive layouts
- Focused on clean UI/UX design and reusable component architecture for scalability
- **Tech:** React, Vite, Tailwind CSS, cmdk

## React Admin Dashboard

Cairo, Egypt  
Sept 2024

Built a fully functional admin dashboard application using **React, Tailwind CSS, and Material UI (MUI)**.

Implemented **dynamic routing** with React Router, including pages for **Dashboard, Team Management, Invoices, Contacts, FAQ, and Geography**.

Developed **interactive data visualizations** (Bar, Line, and Pie charts) to display business insights using chart libraries.

Designed a **custom sidebar and topbar** with theme toggling (dark/light mode), icons, and collapsible navigation.

Created reusable components such as **Header** and layout wrappers for consistency and scalability.

Applied **state management** for active menu selection and page highlighting.

Focused on **responsive design** and clean UI/UX for smooth user experience across devices.

**Tech:** React, Tailwind CSS, Material UI (MUI), React Router, Nivo.