

# Khalid Waleed

Software Engineer

A MERN stack developer with a major in frontend and a minor in backend. Passionate about developing web apps that simplify people's lives. Eager to automate everything.

📍 Egypt (flexible with any timezone)

🛡️ Military Status: Completed Mar. 2025    🌐 /khalidwaleed0    📧 /khalidwaleed0    📞 +201067129860    ✉️ khalidwaleed0@outlook.com

## Education

Mansoura University, Bachelor of Engineering,  
Computer Engineering and Control Systems Department, 2018 ~ 2023

- Grade: Very Good.

## Skills

**Frontend:** HTML, CSS, JavaScript, React, Webpack

**Backend:** Node.js, Express, MongoDB

**Programming Languages:** JavaScript, TypeScript, C#, Java, Python

**Languages:** English C2 - [EF Set Certificate](#)

**DevOps:** CI/CD using github actions

**Web Automation:** Puppeteer, Selenium

**Software Practices:** OOP, Design Patterns, Problem Solving

## Projects

[Price Engine](#) (MERN Stack)

Nov 2023 - Mar 2025

- Developed a comprehensive search engine that streamlines the process of finding the best prices for electronic products.
- More than 70 stores are scrapped using puppeteer daily as scheduled.
- Frontend: Infinite Scrolling, responsive design, SEO Optimization, Image Compression, Webpack bundling.
- Security: Used CSP in frontend, Same-Origin-Policy in backend and rate limit and bot detection in nginx web server.
- CI/CD: Used github actions to make rsync transfers to the server after each push.
- Cloud: Deployed to Oracle Cloud Free Tier.

[ANEES \(Graduation Project\)](#) (React)

Feb 2023 - Jun 2023

- An application for treating delayed language and social attitudes for autistic children using engaging games powered by AI.
- Developed the web app using React, enhancing user engagement for autistic children through interactive games.
- It contained (drag & drop games - AI voice chat - JWT authentication, responsive design).
- Reached Dell Envision the Future Finals (top 27 graduation projects across the entire MENA region).

[CleanCopy](#) (Browser Extension)

Jul 2022 - Aug 2022

A browser extension that adds a copy button to facebook posts helping you copy the clean url easily.

[AmazonDealHunter](#) (Python, Selenium)

Jun 2022 - Jul 2022

A python script that scraps Amazon.eg, sends best deals to a telegram group and automatically buys them for me.

[MemeMic](#) (C# .Net WPF)

Mar 2021 - Apr 2022

A desktop app/overlay for playing audio memes through your mic so that it can be heard by your mates in meetings and online games.

[MessengerBot](#) (Java Swing, Selenium)

Aug 2020 - Jun 2022

A desktop app/overlay that lets you see important messages and send records while playing games.

[AnimeNinja](#) (Java Swing, Selenium)

Mar 2020 - Oct 2020

A desktop app that scraps an anime website and downloads all anime episodes with one click.

[EpisodeRenamer](#) (Java Swing)

Nov 2019 - Dec 2019

A desktop app that renames series episodes in numerical order instead of unnecessary long names.

## Open Source Contribution

Made pull requests that got approved in the following github projects: [egytech-fyi](#) - [mdn/yari](#) - [TheOdinProject](#) - [mdn/content](#)

## Courses

- [The Odin Project](#) MERN stack (A roadmap full of mdn articles, video tutorials and project assignments).
- Competitive Programming Course (Level 0) at ACM-ICPC Mansoura Chapter.