

# Taha Ahmed

☎ +20 12 898 45 197 | @ taha.m8875@gmail.com | 🔗 LinkedIn | 🐙 GitHub | 📍 Alexandria, Egypt

## OBJECTIVE

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Hello, I'm Taha Ahmed, a passionate software engineer eager to apply my skills and knowledge in a professional environment.

## EDUCATION

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### Faculty of Engineering, Alexandria University

*B.Sc. in Electronics and Communication Engineering*

Alexandria, Egypt

*Sep 2019 – Present*

## WORK EXPERIENCE

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### Cartona

*Junior Software Engineer*

Cairo, Egypt

*Mar 2024 - Present*

- Working on Cartona's [delivery-driver-app](#), a Flutter-based mobile application designed to automate delivery operations for Cartona.
- Key responsibilities include developing new features, optimizing app performance, and maintaining code quality using Dart and Flutter frameworks.
- Led the development of features aimed at enhancing user experience for delivery drivers, such as task management, shipment tracking, and real-time status updates.
- Worked on the POS (Point of Sale) API for Cartona, focusing on enhancing backend services and integrating the API with Cartona's suppliers system.
- Tech Stack: Worked with the following technologies (Flutter, Ruby on Rails).

### Techhive (Software House)

*Intern Software Engineer*

Alexandria, Egypt

*Jul 2023 - Oct 2023*

- Contributed to the development and maintenance of the low-code development tool ([appasap](#)), the company's flagship product.  
AppAsap offers a unique blend of chat-based AI assistance, user-friendly database visualization, automatic API documentation, and a customized admin panel, setting it apart from other no-code solutions.
- Worked as a team member in developing and maintaining the admin panel for the product, providing users with a seamless application management experience.
- Tech Stack: Worked with the following technologies (React, Next.js, TypeScript, Material UI, Node.js, Express.js, Postgres, Prisma, Docker).

## PROJECTS

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### Url Shortener | [GitHub](#)

(T3 stack) Typescript, Next, tRPC, Prisma, Tailwind

- Built with the T3 Stack.
- It is a simple service allows you to shorten any URL and keep tracking of the number of clicks on your URL.

### GitHub repositories clone | [GitHub](#) | [Deployed on Vercel](#)

React, Redux

- I cloned the repositories tab in GitHub, type any username and see his repositories.
- My project now is a part of the [clone war](#) repository.

### Youtube Home Page Clone | [GitHub](#) | [Deployed on Vercel](#)

React, Tailwind, Typescript

- YouTube Home Page Clone With Tailwind, React, and TypeScript.

### Rails Url Shortener | [GitHub](#)

Rails

- A monolithic URL shortener built with Ruby on Rails. Users can create short links, view analytics, and manage their links.

**Let me google that for you clone** | [GitHub](#) | [Deployed on Vercel](#)

Rails

- A simple Next.js app that clones the functionality of Let Me Google That For You.

**ECE24 Whatsapp bot** | [GitHub](#) | [YouTube](#)

Node, Whatsapp web js, Telegraf

- A Whatsapp bot that can be used to forward messages from ECE24 telegram channel to ECE24 Whatsapp community, the goal is to automate the process of communicating with the students on different platforms via one click.
- The bot is written in Node.js and uses the Telegraf library to listen to the messages and send the to Whatsapp with the Whatsapp web js library. The bot is currently hosted on glitch and serves our class.

**Mern Auth Skeleton** | [GitHub](#)

MERN stack

- A skeleton application for authentication and authorization only, good starting point for any new project.

**Blog app - a front end project** | [GitHub](#) | [Deployed on Vercel](#)

React, Redux

- A blog app with CRUD operation with React, Redux and Bootstrap.

**Vue Task Tracker** | [GitHub](#)

Vue

**Vue Expense Tracker** | [GitHub](#)

Vue

- Two simple vue apps.

**Django Blog** | [GitHub](#)

Django

- I created a fully functioning blog with Django.
- Features: register a new account, login to your account, account info can be updated, request an email to reset password if forgotten, create, read, update, and delete post, home page with all posts orders by date posted, user posts page with all his posts.

**Flask Blog** | [GitHub](#)

Flask

- The same blog I created but in Flask. Instead of using a battery included framework I tried a simpler one to see more details.

## PROBLEM SOLVING

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**Problem solving** | [GitHub](#)

- A collection of my solutions to various programming problems on codeforces, in C++, Python, Java, Javascript and Go.

## MY TUTORIALS

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I created one youtube tutorial, and many written tutorials on Github.

**SageMath for Beginners: A Quickstart Guide in 60 Minutes | In Arabic** | [Youtube](#)

- One of the my favourite softwares and one of the underrated ones, since no Arabic content explains SageMath, I made this tutorial to add a small support to the Arabic learner.

**Cheat Sheets and Summaries** | [GitHub](#)

- Whenever I learn something, I try to summarize it.

## SKILLS

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**Programming:** Dart, Ruby, TypeScript, JavaScript, Python, Java, Go

**Technologies:** Flutter, React, Next, Redux, Vue, Rails Node, Express, tRPC, Django, Flask, Docker

**Languages:** Arabic (Native), English (Fluent)