



Taha Ahmed

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OBJECTIVE

Hello, I'm Taha Ahmed, a passionate software engineer eager to apply my skills and knowledge in a professional environment. Currently seeking opportunities for internship, part-time or full-time positions to further enhance my practical experience.

EDUCATION

Faculty of Engineering, Alexandria University

B.Sc. in Electronics and Communication Engineering

Alexandria, Egypt

Sep 2019 – Present

WORK EXPERIENCE

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.
- Contributed to feature development, enriching the product's functionality and user experience.
- UI Enhancement: Improved the user interface of appasap, enhancing user engagement.
- Bug Resolution : Collaborated on identifying and resolving software bugs, ensuring a smoother user experience.
- Tech Stack: Worked with the following technologies (React, Next.js, TypeScript, Material UI, Node.js, Express.js, Postgres, Prisma, Docker).

PROJECTS

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.

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.

Numerical Methods Project with Sage | [GitHub](#)

Python, SageMath

- This project implements the following numerical methods:

the Jacobi method, the Newton-Raphson method, trapezoidal method, bisection method, Simpson's 1/3 rule, the trapezoidal method, Euler's method, Heun's method, linear regression with : power model, exponential model, growth-rate model.

These methods are implemented using SageMath, written and run via Jupyter notebooks.

PROBLEM SOLVING

Problem solving | [GitHub](#)

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

MY TUTORIALS

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

Programming: TypeScript, JavaScript, Python, Java, Go

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

Languages: Arabic (Native), English (Fluent)

ACTIVITIES

I work as representative for my class, we handle the schedule and communicate with the professors and teaching assistants, I am also responsible for shooting the lectures and sections, editing and uploading to YouTube.

FREELANCING

I used L^AT_EX and SageMath to write mathematics and physics books and notes for mathematics and physics teachers.