Mahmoud Shawa

I am a full-stack developer looking to level up my career. I am a very fast learner who is passionate about self-improvement, and I am actively looking for growth and opportunities in software development.

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Projects

sahba.space – *TypeScript - Three.js - GLSL - GSAP*
Live Site || GitHub
- A modern portfolio built around a **highly performant simulation** of a galaxy built with **Three.js**.
- Used **GSAP** to modify both Three.js and shader parameters by scrubbing the values according to scroll position.

Culler – *TypeScript*
NPM || GitHub
- Culler is a **0-dependency** JavaScript utility library that allows users to **generate fully customizable colors** in **rgb, rgba or hex** formats, as well as provide an intuitive way to apply colors to singular HTML elements, iterable collections of elements (nodelists, arrays etc), and CSS selector strings.
- Full support for **type-checking and autocomplete** for **ESM**, and **full backward compatibility** with **CJS**.
- At the time of writing, culler is getting **2,000 downloads per month**.

Ask GPT-3 – *React.js - GPT-3 - React Spring - Express.js*
Live Demo || GitHub
- A sleek, responsive, and **fully animated** web app for interacting with the powerful AI engine **GPT-3**.
- Used **React.js with React Spring** to display minimalistic and attractive components and animations, local storage for data persistence, and a minimal **Express.js** backend to maintain API key secrecy.

SaveQuest – *React.js - Express.js - MongoDB - Chart JS*
Live Demo || GitHub
- Led a team of 3 in creating a **MERN** stack **gamified budgeting** application that encourages a user to log expenses by rewarding tracked expenses with EXP, level-ups, and upgraded sprites.
- Used **React.js** to dynamically render the UI based on user budgeting data served from a cloud database hosted on **MongoDB Atlas** via **Express.js** and used **JWT** to authenticate users.

Spot – *Python - Django - DTL - Bootstrap - PostgreSQL*
Live Demo || GitHub
- Collaborated in a team of two to create a pet-centric social media app where a user can post as a specific pet of theirs and share with the rest of the community what they're up to.
- Used **DTL** with **Python Django** to template render user data and images from a **PostgreSQL** database hosted on **Amazon S3**.

Experience

General Assembly, Toronto, ON — *Teaching Assistant*
Feb 2022 - Present
- Provided students with hands-on support and guidance on projects and assignments.
- Broke down and conveyed complex concepts in layman's terms.
- Consistently received very positive qualitative and quantitative feedback on student feedback surveys **(averaging 4.8/5)**.

Munir Sukhtian Group, Amman, JO — *Marketing Trainee*
Jan 2019 - Jul 2019
- Recognized by CMO for **fastest improvement** during onboarding period.
- Initiated digital marketing strategy that grew company Facebook following by **50% in 6 months.**

Education

General Assembly, Toronto, ON — *Software Engineering*
Oct 2021 - Jan 2022 || **GPA: 3.94/4**

Western University, London, ON — *BA in Economics*
Sep 2015 - Jan 2018

Fanshawe College, London, ON — *Business Accounting Diploma*
Sep 2013 - Apr 2015

Skills

Technologies

JavaScript

TypeScript

React.js

Node.js

Express.js

Tailwind.css

Three.js

GSAP

Git

Python

Django

MongoDB

JWT authentication

Bootstrap

EJS

Responsive Design

MVC Architecture

Heroku

Soft Skills

Strong communication

Team focused

Self motivated

Self accountable

Time management

Attention to detail