Bahaa al Halabi

Senior Full Stack Web Developer, using NextJs and node. Currently expanding my knowledge using languages like Rust and Svelte - which I totally love. NeoVim is my favorite text-editor.

EXPERIENCE

Bedu, Remote – Full Stack Developer (TypeScript) – bedu.me

October 2022 - November 2023

- Rewrite entire frontend (UI/UX and api layer) which was using material-ui,redux toolkit, and **NextJs 12** to use **NextJs 13** (add SSR and ISR), **TailwindCSS**, and use **context api** with **tanstack-query** for the api layer. **This vastly improved the performance and responsiveness of the system.**
- Correctly configure typescript on the api layer on the frontend and for the backend codebase.
- Manage AWS infrastructure using code and amazon console.
- Take design (zeplin/figma/adobe-xd) and transform it into code using **tailwind css** or **material-ui**.
- Architect the needed backend work, discuss with CTO and develop upon approval.
- Write **Unit tests** for the backend using **Jest**, and **Integration Tests** for the frontend using **PlayWright.**
- Onboard a part-time developer for helping in QA/Back-end work, assign him with tasks, help if needed (usually done through pair programming), and code review upon finishing the task.
** The last 5 months of work were done completely alone on the tech side, so i had to communicate directly to the product owner/company owner for changes and progress

Dox, Remote – Full Stack Developer (TypeScript)– dox.tech

October 2021 - October 2022 (1 Year)
- Developed a **React** front-end application using **Typescript**. Used **ReactQuery** for data management.
- Real-time notifications were handled using **Socket.IO,**and authentication using **jwt-tokens.**
- Created a component library using **Storybook** , and **Styled-components**.
- The application's main purpose was to take user input and files (**battery** related data and **measurnments**), send them to the backend and display the returned data after parsing it as different **Charts**. Charting was done using a custom **typesafe** implementation of **ChartJs** library.
- Managed and helped an **intern** on onboarding, current ongoing tasks and code review.
- Administered infrastructure on **AWS** (using **kubernetes**, and **amazon console**)
- Maintained and upgraded a microservices architecture using **node** and **routing-controllers.**

BankerWay, Remote – *Temenos T24 Banking Technical Consultant*

September 2021 (1 Month)
-Underwent **Temenos T24** banking system training. Used and developed code for the T24 system using **JBASIC** and **TAFJ** framework that enables customization on basic banking features in Temenos T24.
- During the learning period, I was one of the **highest performing students**, held zoom meetings to help tutor others. I was given a **certificate** and a **job offer** at the end.

Let's Grant, Remote – *Full Stack Web-Dev Bootcamp*

June 2020 - September 2020 (4 Months)
- Receive hands-on web development training with **React**(hooks), **Redux**, **Firebase**, **Git Heroku**, and **MongoDb**. Ended the bootcamp with developing a full-stack website.

SolWeavers, Hamra Beirut – *Web-Dev Internship*

July 2018 - August 2018 (2 Months)
-Learn basics of **javascript** and web development, with a little of **React** class components

External Projects

Qaff.com, Remote– *React Front-end Developer*

August 2023 - September 2023 (1 Month)

-Implement an **AI-assisted multi-stage form** that takes some input from the user, sends it to the **lambda** which then based on the results requires different input that has to be rendered. Upon completing the data collection, the lambda will return a final result which has to be integrated with the existing manual form.
-Refactor class-based React components into functional, and extract logic and common ui into their own components.
- Implement designs using material-ui from figma and coordinate with backend for needed apis.
- Add documentation using JsDoc and Postman collections.

Dox, Remote – *NextJs Full Stack Developer–* dox.tech

July 2023 - September 2023 (3 Months)

-Develop from scratch a **NextJs (Server Components)** application that lets the user using a flow board (**Reactflow** library) create a battery testing schema. This includes being able to create different schemas, edit,delete, and duplicate them which are all structured in a table.
- Host the application, use a PostgreSql with an Orm for the database (using **Supabase**). The api layer was done using traditional http routes in NextJs and fetching directly in Server Components when possible. Authentication using session tokens with the help of AuthJs.

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Technologies/Libraries

- NeoVim
- Typescript | Svelte | Rust
- React| Redux
- GraphQl |REST
- Playwright | Jest
- SvelteKit
- NextJs | Next-Auth
- NodeJs | Amazon-SDK
- SQL | No-SQL
- Tailwindcss | MaterialUi
- ElasticSearch

Awards

American University of Beirut – Science Mathematics and Technology Fair 2014 , Number One Prize in **Abstract Mathematics** for the Secondary Class.

Interests/Activities

I practice **Fitness** and **Martial Arts.**I **read** and **listen to psychology** and **Finance** material. **Used** to be a big **MMO** game player at a young age, **and accumulated** a community of over **250 people worldwide** on Discord, of whom I was the **leader.**

LANGUAGES

English: Fluent
Arabic: Native
Russian: Conversational(A2)