

# 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](https://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.
  - Manual testing in a testing environment upon completion of the backend and frontend work.
  - 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](https://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](https://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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[GitHub](#)

## Technologies/Libraries

- Vim
- Typescript | Svelte
- React| Redux
- GraphQL |REST
- NextJs | Next-Auth | TRPC
- NodeJs | Amazon-SDK
- SQL | No-SQL
- Tailwind | MaterialUi
- Rust | Java

## 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)