

Yara Khairat

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SUMMARY

Full Stack Developer with 2 years of experience building dynamic web applications. Proficient in **Next.js**, **Nest.js**, **TypeScript**, **Tailwind CSS**, and **SQL**, with a strong foundation in both frontend and backend development.

EXPERIENCE

Junior full-stack Developer | Cryptic Web3

Jan 2024 – Present

- **Developed a blockchain-focused KPI tracking tool** in a 3-person team, using **Next.js** for the frontend and **Nest.js** for the backend to monitor on-chain metrics, social engagement, and activity trends **in real time for over 17k tokens**.
- **Integrated multiple data providers**, leveraging Infura and CoinGecko for on-chain data; X (Twitter), Telegram, and YouTube APIs for social metrics; Matomo for website analytics; and Stripe for subscription and payment management.
- **Improved Twitter (X) data retrieval efficiency by 80%** by consolidating multiple API requests into single batched requests for tracked user profiles and keyword tracking.
- **Contributed to a full overhaul of the company's website** and WordPress blog, migrating from JavaScript and Pages Router to TypeScript and the App Router in **Next.js**, resulting in improved performance, SEO, and user engagement by over 50%.

Front-end Developer | Self-Employed

Jun 2023 – Present

- **Developed fully customizable e-commerce stores** allowing users to personalize their online stores with dynamic color schemes, product layouts, and menus.
 - **Integrated localization and internationalization** features to ensure the platform supports a global audience with localized content and language preferences.
 - **Built adaptive, responsive menus and layouts** to optimize user experience across different devices and screen sizes.
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SKILLS

TypeScript, Java, SQL, React, Next.js, Nest.js, Spring Boot, Tailwind CSS, MySQL, Asynchronous Communication, Time Management, Self-Organization.

PROJECTS

Trill | Guitar Chord Library and Lookup Dashboard

December 2024 – Present

- **Developed a virtual fretboard UI** with interactive chord display functionality, using Next.js and Tailwind CSS for a responsive, user-friendly experience.
- **Ensured seamless communication** between the front-end (Next.js) and back-end (Nest.js) through RESTful APIs.
- **Integrated real-time search functionality** enabling users to find specific chords quickly based on finger placement or chord name.

PictureThis | Graphical Password System using Image Segmentation.

June 2023 – December 2023

- **Implemented a prototype for a unique security layer** that simplifies credential management for users. Built using Spring Boot, Angular, and CSS.
 - **Conducted extensive testing to ensure system stability**, performance, and accuracy in image segmentation and password retrieval.
 - **Designed and implemented a responsive user interface** using Angular, ensuring a smooth and intuitive experience for users across devices.
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EDUCATION

Bachelor of Computer Science | Culture and Science City

6th of October, Giza, 2022

- **Developed a strong foundation in computer science fundamentals.**
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SPOKEN LANGUAGES

- Arabic (Native),
- English (Advanced).