

WORK EXPERIENCE

Cryptic Web3

Jan 2024 – Present.

Junior full-stack Developer

- Collaborated with 2 team members on building a blockchain-oriented [KPI tracker](#) utilizing NextJS on the frontend and NestJS on the backend.
- Integrated with multiple data providers, leveraging Infura and CoinGecko for onchain data, social media tracking is powered by the APIs of X (Twitter), Telegram, and YouTube. Additionally, Matomo for website analytics, and Stripe for subscription management and payments.
- Contributed to and maintained a complete revamp of the company's [website](#) using NextJS and Tailwind. Alongside a WordPress-powered blog.

Self-Employed

June 2023 – Dec 2023.

Freelance Front-end Developer

- Developed a multi-language front-end for an early-stage digital transformation platform consisting of user-friendly web stores providing fully customizable color schemes, product layouts, and menus, along with website localization and accessibility features.

PROJECTS

Trill Guitar chord shape look-up system and collection. **NextJS, NestJS, MySQL, Tailwind**

- Created an extensive platform for users to find various guitar chords using a virtual fretboard.

PictureThis Graphical Password using Image Segmentation System. **SpringBoot, Angular, CSS**

- Implemented a prototype for a unique security layer that enables users to remember their credentials easily.

EDUCATION

Culture and Science City *6th of October City, Egypt.*

Oct 2018 – May 2022.

Bachelor of Computer Science

- **Key Courses:** Data Structures and Algorithms, Intro to Web Development (HTML, CSS, JavaScript), OOP (Java), Advanced Databases (SQL), Embedded Systems, Artificial Intelligence, and Pattern Recognition.

SKILLS AND TECHNOLOGIES

Programming Languages: TypeScript, Java. SQL.

Frameworks: React, NextJS, NestJS, Tailwind CSS, Springboot.

Databases: MySQL, MongoDB.

Tools: GitHub.

SPOKEN LANGUAGES

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