

Efrain Nabil Nafady

+20 1210309356 ◊ Ismailia, Egypt

✉ efrain.nafady@gmail.com ◊ [in linkedin.com/in/efrainnabil](https://www.linkedin.com/in/efrainnabil) ◊ github.com/efrainnabil

EDUCATION

B.S.c in Computer Science, Suez Canal University

Oct 2020 - Jul 2024

Graduated with **Very Good**

WORK EXPERIENCE

Software Engineering Mentorship Program Led by Hussein El-Sayed (SDE III at Amazon)
Software Engineer

May 2024 - present
Remote

- Actively contributed to hands-on projects utilizing Java, Spring Boot, and React.js, enhancing technical and practical skills.
- Gained expertise in key software engineering concepts and best practices.

PROJECTS

Service Health Monitor Portal | Java Spring Boot, InfluxDB, MySQL, Docker, React, TypeScript, TailwindCSS

Github 

- Developed a system for monitoring service health, including log analysis, simulation, and visualization, as part of a collaborative team effort.
- **Log Analyzer Backend:** Implemented a service to read logs from various services, store them in a Time Series Database (InfluxDB), and aggregate data for analysis. Managed user authentication and service data using MySQL.
- **Simulator Backend:** Created a simulation service to generate random logs for each service, mimicking real-world service behavior.
- **Frontend:** Designed a dashboard to visualize aggregated data from the backend, displaying service health and availability charts.

Medical Society (Graduation Project) | React, Typescript, TailwindCSS, Redux toolkit, React router

Github 

- Our project offer real-time monitoring, appointment management, digitized prescriptions, revolutionizing medical services.
- Developed the clinic system website for doctors to manage appointments and type digital prescriptions.

Eframix | Node.js, TypeScript, MongoDB, Next.js, Shadcn UI, npm

Github 

- Co-developed Eframix, a minimalistic Node.js framework inspired by Express, featuring core HTTP methods, middleware support, and a JSON body parser as an npm package.
- Built a Movie API with Eframix and Node.js, showcasing its practical application.
- Created a documentation site with Next.js and MongoDB for easy developer integration.

ICPC Suez Canal University Community | React JS, React Router, CSS

website

- Collaborated with a team of three to develop and manage the official website for ICPC SCU.
- The platform provides access to training, resources, events, and community missions.

SKILLS

- **Programming:** JavaScript, Typescript, SQL, MongoDB, Node.js, React, NextJs, Redux, Java, Spring Boot and C/C++.
- **Miscellaneous:** Algorithms, Data Structures, Git, Linux, and Docker.

ACHIEVEMENTS

- Ranked 3rd out of 200 teams on ECPCQ day 9 - ECPC Finalist Aug 2023
- Ranked 13th out of 200 teams on ECPCQ day 9 Aug 2022

VOLUNTEERING

ICPC Suez Canal University

Problem Setter, and Students Mentor

May 2022 - Sep 2023

- Mentored students on different problem-solving techniques and algorithms.
- Problem setter for different programming contests; author for over 50 problems