

Amr Elnaggar

Frontend and Fullstack Engineer

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SKILLS

• Frontend:

In-depth: TypeScript, React, Next.js, React Query, JavaScript (ES6+), HTML5, CSS3, Tailwind, Jest, React testing library, Storybook, Redux

Familiar: Vue, GraphQL, Cypress, React Native, Electron

• Backend:

Familiar: Java, Spring Framework, Spring boot, Node.js, MongoDB, MySQL, Postgres

• DevOps & Cloud:

Docker, Git, GitHub Actions, GitLab CI/CD, AWS (EC2, S3, Lambda, RDS)

• Other Skills:

Object-oriented programming, Functional Programming, Agile development, Design patterns

WORK EXPERIENCE

- **Flightright** Berlin, Germany - Remote
Full Stack Engineer (Frontend focus) May 2025 – Present
 - Led frontend **performance and architectural** improvements, boosting **Lighthouse score by 34%** through code splitting, tree-shaking, reducing main thread load, and optimizing third-party tracking scripts.
 - Designed and maintained a shared UI library based on **atomic design and Storybook**, fostering collaboration across developers, product, and design teams.
 - Implemented **A/B experiments**, event-based analytics with Amplitude, and **E2E testing** with Cypress to ensure data-driven product iterations.
 - Guided **scalable frontend architecture** decisions, ensuring clean code, best practices, accessibility compliance and seamless migration across multiple framework versions.
- **Infrasoft software house** Kuwait City, Kuwait - Remote
Full Stack Engineer (Frontend focus) April 2023 – May 2025
 - Maintained a robust suite of full-stack applications using **React, TypeScript, Java, Spring Boot, and MySQL** and containerized with **Docker**.
 - Developed and consumed scalable **REST** and **GraphQL** APIs enabling efficient data access.
 - Deployed applications on **AWS** using **GitLab** within CI/CD environments.
- **GeoGebra** Linz, Austria - On-site
Frontend Engineer August 2022 – April 2023
 - Directed highly accessible and reusable UI components in **React, Next.js, TypeScript** using **Tailwind, Radix UI**, focusing on UX, optimization, and bundling; and offered documentation with **Storybook**.
 - Ensured a 100% Lighthouse score for SEO and performance by optimizing assets, implementing server-side rendering (SSR), and improving Core Web Vitals.
 - Migrated **100+** unit test cases from Enzyme to **React Testing Library**, improving test reliability and alignment with best practices.
- **Oncoustics** Toronto, Canada - Remote
Full Stack Engineer May 2022 – August 2022
 - Built 2 pixel-perfect full stack web applications with **Next.js and Typescript**, leveraging **NestJS** for backend.
 - Executed the installation and configuration of a **MongoDB** environment for full-stack web applications, ensuring seamless data migration.
- **Aschl Management Systems** Schluesslberg, Austria - Hybrid
Full Stack Engineer October 2020 – August 2022
- **Vodafone** Smart Village, Egypt - On-site
Full-Stack Engineer (Internship) August 2020 – September 2020
- **Qatar Computing Research Institute** Ar-Rayyan, Qatar - Remote
Software Engineer (Internship) May 2020 – July 2020

EDUCATION

- **Nile University** Giza, Egypt
B.S. in Computer Engineering; GPA: 3.76 - High Honors July 2022
- **University of Applied Sciences Upper Austria** Hagenberg, Austria
Semester abroad September 2020 – February 2021

VOLUNTEER EXPERIENCE

- **Secretariat at Nile International MUN (NIMUN)** Giza, Egypt
Formulated workshops and lead teams of variant numbers in multiple conferences. March 2020 – December 2021