

# Mahmoud Ashraf

Alexandria, Egypt

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Blog — GitHub — YouTube — LinkedIn

## Summary

Experienced Front-End Developer with over 5 years of expertise in building scalable web applications within agile environments. Specializing in front-end technologies such as React, Next.js, and TypeScript, with a proven track record of enhancing website performance and developing intuitive, user-friendly interfaces.

## Technical Skills

- **Front-end:** Javascript, Typescript, React, Next.js, css, sass, Tailwindcss, Webpack, Vite, turborepo, Redux, React-Query, React-Router, React Native.
- **Back-end:** Node.js, express, MongoDB, Drizzle, postgresql, GraphQL.
- **Testing:** Jest, react-testing-library, playwright, vitest.
- **Tooling:** Linux, Vim, Git, Jira

## Education

### Bachelor of Science in Computer Science/Statistics

Faculty of Science, Alexandria, Egypt

2015 – 2019

## Professional Experience

### Senior Front End Developer — Rubikal

Alexandria, Egypt

May 2023 – Present

- Worked as a senior Front-end developer for Okay, and ISchool clients.

### Senior Front End Developer — iSchool

Alexandria, Egypt

June 2024 – Present

#### Company Overview:

iSchool offers live 1:1 online coding classes for students in grades 1-12, with a curriculum focused on real-world projects. Covering topics such as AI, mobile app development, 3D coding, and game development, iSchool equips young learners with future-ready tech skills.

- Tech: TypeScript, React, scss, react-query, react-router
- Built a real-time messaging chat feature for students and teachers to facilitate communication within the community.
- Worked on an achievement feature, including student progress charts and badge systems, to track and display academic milestones.

### Senior Front End Developer — Okay

Alexandria, Egypt

May 2023 – Present

#### Company Overview:

Okay is a super app based in Saudi Arabia, offering a comprehensive platform that integrates ride-hailing, food delivery, and various on-demand services. With a mission to simplify daily life for users.

- Tech: TypeScript, React, TailwindCSS, Vite, visx, Redux toolkit
- Led the front-end team and created the project from the ground up
- Collaborated closely with the design team to develop a scalable design system, utilized across all dashboards (restaurant, super admin, and ride-hailing dashboards)
- Implemented custom statistics and visualizations using Visx
- Handled live map tracking using Google Maps API with clustering and WebSocket integration for real-time updates

## Front-End Developer — Lynks

Alexandria, Egypt

January 2022 – May 2023

### Company Overview:

Lynks is an Egypt-based e-commerce company that simplifies international shopping. The platform helps users purchase items from abroad and handles the entire process from buying to shipping and customs clearance. It offers a seamless experience for cross-border shopping with a focus on customer convenience.

- Tech: Typescript, Next.js, TailwindCSS, Apollo GraphQL
- Wrote unit/integration tests with Jest & Testing-Library
- Wrote e2e tests using Playwright
- Built a custom e-commerce website for shop.lynks.com
- Increased website performance by 30% by auditing the application and replacing heavy packages
- Built architecture for web apps using monorepo to share UI, TypeScript types, and utilities
- Optimized CI/CD pipelines with Turborepo, resulting in faster build times

## Front-End Developer — Swvl

Alexandria, Egypt

November 2021 – January 2022

### Company Overview:

Swvl is a global tech-enabled mass transit service that offers safe, reliable, and affordable transportation solutions across emerging markets.

- Tech: Typescript, Next.js, TailwindCSS, React-Query
- Collaborated across multiple teams (backend, product, design) to release seat selection feature
- Contributed to the Swvl UI design system

## Full Stack Developer — Rubikal

Alexandria, Egypt

December 2020 – November 2021

- Worked as a full-stack developer for Roadtrip Nation client

## Full Stack Developer — Roadtrip Nation

Alexandria, Egypt

December 2020 – November 2021

### Company Overview:

Roadtrip Nation helps people explore careers through documentaries, podcasts, and road trips where participants meet professionals for advice.

- Tech: Node.js, Express, React, Next.js, SCSS, Microservices, MongoDB
- Worked closely with design team to build new React components/pages
- Generated reports using MongoDB aggregation for the product team
- Built & documented new admin CMS features
- Visualized API gateway logs using MongoDB Charts
- Wrote scripts to update the database from third-party services

## Front-End Developer — Tarteel

### Company Overview:

Tarteel.ai is an AI-powered platform designed to help users improve their Quran recitation. It provides real-time feedback on pronunciation, offers text-to-speech capabilities, and helps with memorization by recognizing errors and tracking progress. Tarteel aims to enhance Quranic learning using advanced AI technologies.

Alexandria, Egypt

July 2019 – February 2020

- Tech: React, Typescript, Redux, Styled-Components
- Implemented a transcribe feature that increased weekly active user count by 300%
- Worked with real-time socket connections
- Refactored audio streaming logic

## React Arabic Translation Maintainer — React Community

Remote

February 2019 – July 2019

- Reviewed code and merged pull requests
- Assigned pages for contributors to translate

## Front-End Developer — Lynks

Alexandria, Egypt

January 2019 – July 2019

- Tech: React, GraphQL, Apollo, Styled-Components
- Upgraded Webpack & Babel to be compatible with React
- Worked with GraphQL using Apollo client and styled components
- Revamped warehouse application to React 16.8 using functional components, hooks, and context API
- Built a dashboard for admins to monitor statistics