

Amr Samy Ramadan

Junior Front-End Engineer

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Summary

Frontend Engineer focused on building scalable, accessible, and responsive web applications using React, Next.js, and TypeScript. Experienced in modern UI systems, authentication flows, and integrating REST APIs in real-world SaaS and dashboard environments. Particularly interested in building scalable frontend architectures and authenticated admin dashboards.

Technical Skills

React - Next.js - TypeScript - JavaScript (ES6+) - Tailwind CSS - Radix UI - Redux Toolkit - Auth0 - NextAuth - REST APIs - Node.js - MongoDB - PostgreSQL - GraphQL - Git - GitHub - AWS - Vercel - HTML/HTML5 - CSS/CSS3 - Java

Internships

Information Technology Institute (ITI) — Full Stack Development (MERN)

July 2025 – November 2025 | Giza, Egypt

- Built multiple frontend applications using React, Next.js, and TypeScript.
- Applied modern UI practices, responsive design, and Git-based team workflows.
- Collaborated in a team environment following Agile principles.

Education

Bachelor of Computer Science, Cairo University

September 2018 – July 2022 | Giza, Egypt

Projects

Social Platform, Backend REST API,

NestJS, TypeScript, Prisma, PostgreSQL


- Built production-ready REST API for a social platform (users, posts, comments, likes, follows, notifications)
- Implemented JWT-based authentication with hashed passwords
- Designed relational database schema for posts, comments, and user interactions
- Added feed endpoints, pagination, and search for scalable data retrieval
- Documented API using Swagger/OpenAPI

Repo: <https://github.com/Amrsamy19/social-backend> 

EcoSphere, SaaS Web Platform,

Next.js, TypeScript, Tailwind CSS, Radix UI, MongoDB, AWS

- Architected a component-driven frontend system using Next.js App Router and TypeScript.
- Built accessible, responsive UI components with full keyboard navigation and semantic HTML.
- Implemented secure authentication with NextAuth.js, JWT, and protected routes.
- Applied performance optimizations including lazy loading and code splitting.
- Designed reusable layouts and UI patterns to support future feature expansion and long-term maintainability.

Live: <http://eco-sphere-kappa.vercel.app> 

Plastikat Admin Dashboard,

React, TypeScript, Tailwind CSS, Auth0, REST APIs

- Developed a production-grade admin dashboard with modular, reusable UI components.
- Implemented secure role-based authentication and protected routes using Auth0.
- Built full CRUD workflows with loading, empty, and error states for better UX.
- Optimized admin workflows by prioritizing clarity, consistency, and reduced cognitive load.
- Ensured responsive design and accessibility across devices.

Repo: <https://github.com/Amrsamy19/plastikat-dashboard> 

Todo, Authenticated Web Application,

React.js, TypeScript, AWS

- Implemented secure authentication flows including Google OAuth and email/password login.
- Built full CRUD functionality with clear loading, empty, and error states.
- Applied responsive design principles to ensure usability across devices.
- Deployed the application using AWS services, ensuring reliability and availability.

Repo: <https://github.com/Amrsamy19/todo-react-aws> 