

Ahmed Mahmoud

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 LinkedIn  GitHub  CodePen  personal portfolio

Profile

Frontend Software Developer with experience creating dynamic and user-friendly web applications using technologies like React.js, Next.js, and Node.js. Successfully contributed to developing Vodafone's German website and led the migration to the Redux toolkit, enhancing performance and user experience. Passionate about leveraging skills in web development to drive innovation and growth in a Frontend Software Engineer role.

Professional Experience

07/2025 - Present

Cairo, Egypt

Frontend Senior Engineer at _VOIS

- Lead the front-end technical planning and feature breakdown for the vodafone.de website, mentoring junior engineers and establishing coding standards.
- Spearheaded the architecture of a scalable component library, enhancing the UI design system and reducing feature development time by approximately 15%.
- Drive performance optimization initiatives, improving Core Web Vitals scores to enhance SEO and user engagement on the new e-shop project.

07/2023 - present

Cairo, Egypt

Frontend Software Engineer at _VOIS

Working on the daily development features, of the vodafone.de German website for Vodafone

- Developed and maintained core features for the high-traffic vodafone.de website, ensuring high performance and a seamless user experience.
- Engineered reusable UI components for the company's design system, promoting consistency and accelerating development across multiple teams.
- Executed the migration from Redux Saga to Redux Toolkit and RTK Query, streamlining state management and reducing asynchronous logic boilerplate.

05/2024 - present

Remote work

External Instructor at ITI

Instructing web and user interface development lectures to students at ITI

- Instructing frontend development courses (RWD, JS, React.js, etc.), leading to improved student understanding and application of modern web technologies
- Supervising new ITI students to identify optimal career growth paths and effective methods for success in the competitive market, resulting in increased student confidence and career readiness

10/2022 - 06/2023

Smart Village, Egypt

ITI Frontend development Intern

ITI 9-month professional training program, Web & User Interface Development Track [hybrid].

- Completed extensive training programs on web design and development, enhancing skills in creating responsive and interactive web interfaces
- Built multiple projects and successfully passed all tests during the scholarship, demonstrating proficiency in frontend development technologies, which resulted in a comprehensive understanding of Frontend Development and UX design

Education

04/2024 - present
Smart Village, Egypt

Master of Business Administration - MBA

Arab Academy for Science, Technology, and Maritime Transport (AAST)

10/2022 - 06/2023
Smart Village, Egypt

ITI 9-Months Professional Diploma

Information Technology Institute (ITI) Smart village
Web & User interface development track

09/2018 - 06/2022
Tanta, Egypt

Bachelor's Degree in Business Administration

Department of Business Information Systems (BIS)

Graduation Project: "Excellent"

Cumulative GPA: 3.75/4.0 "Excellent with honors"

Technical Skills

HTML Pug.js, Ejs, Handlebars	CSS SCSS, PostCSS	JavaScript ES6, TypeScript	UI libraries Bootstrap.css, Material UI, Chakra UI, Mainly using: Tailwind CSS, Shadcn/ui, Aceternity UI for components, CSSinJS: mostly Styled components but try to avoid and use <u>CSS modules</u> instead
Headless Components Headless UI, Reach UI	React.js React Router, React Redux, React Hooks	State Management Context API, Redux architecture, Redux toolkit, Redux Saga	Next.js App router, (RSC, RCC), (SSG, SSR)
APIs Apollo, GraphQL (most used), REST APIs, Postman	ORMs Drizzle, Prizma	Backend Node.js, Express.js	Performance Core Web Vitals, Performance Metrics Optimization, Performance Testing
SEO Social Metadata, Structured Data, Mobile Optimizations, AMP	Web Security Session Hijacking & Injection, Cross-Site Request Forgery, CORS & Cross-Site Scripting, Content Security Policy	Memory Management App storage management, caching mechanisms	Web Accessibility Screen Readers, Accessible HTML, ARIA, Focus Management
UX Design UX Research, UX Process, Figma	Testing Unit testing: Jest, Integration test: cypress		

Projects

Vodafone.de Website

Description: Working on the maintenance, development, and migration of the Vodafone German market company website code base.

Redux-toolkit Next.js Documentation

Description: Redux toolkit migration documentation website, adopted by 50+ developers, accelerating onboarding.

Devya Solutions Software House

Description: Elegant and modern Software house company portfolio

ARM ARTS Production Company

Description: ARM ARTS production company website using React.js

Skinmate AI Detection

Description: Skinmate is a professional AI Detection SaaS app for Skin diseases.

Frontend Mastery Course Website

Description: Course website to master frontend development

Arcade Gaming hub

Description: gaming hub for classic arcade game lovers

Maintenance Company Website

Description: Portfolio website for a maintenance company using Next.js

Drinki coffee shop website

Description: Coffee shop asthetic website built with React.js

Event Planner Website

Description: A professional Event planner tool for creating and managing events.

ITI Scholarship Tasks & Projects

Description: ITI tasks and projects that include: building fully-fledged web apps using React.js, Angular.js, Vue.js, and Next.js.

ITI Problem Solving Bootcamp

Description: Problem-solving Bootcamp with my ITI colleagues.