

YARA HOSSAM ELDEN ABD-ELSAMAD

+20 (110) 392-3223 | varahossamelden130@gmail.com | [LinkedIn](#) | [GitHub](#) | Giza, Egypt

OBJECTIVE

Mid-Senior Frontend Developer (3+ yrs) specializing in React, Next.js, and TypeScript, currently leading a live multi-tenant cybersecurity SaaS platform for MENA enterprises.

EXPERIENCE

Mid-Senior Frontend Developer Jun 2026 – Present

Software Engineer Sep 2024 – May 2026

WHITEGUARD (whiteguard.co.uk), Cairo, Egypt

- Led frontend development of the **WhiteHawk Cybersecurity SaaS Platform** ([Live Platform](#)) from scratch — a multi-tenant B2B platform spanning offensive/defensive security workflows, serving 1000+ active users.
- Built the ticketing system (7 ticket types across offensive/defensive tracks) and 5 role-based dashboards with real-time **ECharts** visualizations, heatmaps, and SLA tracking — cutting manual reporting and ticket triage time by 70%.
- Designed the authentication, **RBAC**, and IAM architecture — OTP-based 2FA, **Next.js Edge Middleware** validation, a custom PermissionGuard system, and third-party cloud/IAM integrations for asset scanning — securing access across multiple roles and tenants.
- Built a drag-and-drop workflow builder (**React Flow**) with real-time WebSocket notifications, and owned the platform's admin core — user, project, plan, role, notification, and workflow management — spanning 7 sub-modules.
- Collaborated in Agile Scrum (Jira) across a team of 5 engineers, planning and delivering cross-functional sprints.

Stack: Next.js 15, React 19, TypeScript, Zustand, React Query, Tailwind CSS, ECharts, Tiptap, Zod, Cypress, React Flow

[WhiteHawk Marketing Website](#) | whitehawk.io

- Owned design-to-launch — UI/UX, wireframes, and SEO strategy — for a 7-page, 70+ component B2B site, now live.
- Built custom **Three.js** 3D visuals/animations and achieved a 98 Lighthouse performance score.

Stack: Next.js, TypeScript, Tailwind CSS, Three.js, Docker

Front-End Developer (Freelance) Jul 2024 – Oct 2024

EAISchools, Cairo, Egypt

- Built a school management platform with role-based dashboards for admins, teachers, and students, each scoped to its own permissions and views.
- Integrated REST APIs for student records, class schedules, and grades, with Role-Based Access Control gating features per user type.

Stack: Next.js, TypeScript, Tailwind CSS, REST APIs

Front-End Developer (Freelance) Nov 2023 – Jan 2024

Praxis Am Ring, Cairo, Egypt

- Built a patient-facing booking flow (service selection, calendar/time-slot picker, confirmation) plus a lightweight admin view for staff to manage appointments.
- Localized the UI for a German-speaking user base and structured the frontend around reusable components.

Stack: React.js, Node.js, MongoDB

EDUCATION

Cairo University 2020 – 2024

Bachelor of Computer Science, Faculty of Computers and Artificial Intelligence

- Relevant Coursework: OOP, Algorithms Analysis and Design, Software Engineering.
- Graduation Project: **Excellent**

PROJECTS

[Graphics Drawing Application](#) | C++

- GUI application with multiple drawing shapes, freehand sketching, color-fill tools, and undo/redo via layered canvas rendering.
Challenge: solved flicker-free real-time redraws by isolating shape state from the render loop and redrawing only changed regions.

Stack: C++, Arduino Uno, OOP

[Garage Parking System](#) | Java

- Parking management system (OOP/SOLID) modeling slots, vehicles, and billing as decoupled classes, with real-time slot allocation to prevent double-booking. *Challenge:* kept the design extensible for new vehicle/pricing types using interface-driven design and the Open/Closed Principle.

Stack: Java, OOP/SOLID

TECHNICAL SKILLS

Core Stack	JavaScript, TypeScript, HTML5, CSS3/SASS
Other Languages	C++, C#, Python, Java
Frameworks & Libraries	React.js, Next.js, Tailwind CSS, Zustand, React Query, React Flow
Tools & Testing	Git, GitHub, REST APIs, Postman, Docker, Jest, Cypress, ESLint
Concepts	React Hooks, State Management, OOP, SOLID, Design Patterns
Spoken Languages	Arabic (Native), English (Fluent)