YOUSIEF SAMEH

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SUMMARY

Results-driven Frontend Developer based in Alexandria, Egypt, specializing in React.js and TypeScript. Proven ability to architect and deliver sleek, high-performance web applications that exceed user expectations. Adept at translating design requirements into responsive, maintainable interfaces and collaborating effectively with backend teams and database layers. Demonstrated experience in creating scalable, user-centric solutions for educational, e-commerce, and startup environments. Highly organized and detail-oriented, with a track record of meeting deadlines and optimizing performance. Passionate about continuous learning, keeping up-to-date with industry trends, and driving innovation across the full frontend development lifecycle.

SKILS

- **HTML**
- **CSS**
- **JAVASCRIPT**
- **TYPESCRIPT**
- **TAILWIND CSS**
- **SHADCN/UI**
- **BOOTSRAP**
- **REACT.JS**
- **NEXT.JS**
- **REDUX TOOLKIT**
- **REACT-HOOK-FORM**
- **ZOD**
- **GIT**
- **GITHUB**

PROJECTS

GREENCART ECOMMERCE (REACT.JS, TYPESCRIPT, REDUX TOOLKIT):

- Developed a dynamic product catalog with React.js and TypeScript, enabling users to browse, filter, and search through a diverse range of vegetables with real-time updates.
- Managed global application state using Redux Toolkit, efficiently handling product listings, shopping cart operations, and user sessions to ensure seamless data flow and scalability.
- Built responsive, utility-first UI components with Tailwind CSS, guaranteeing a consistent, mobile-first design that adapts across desktop, tablet, and smartphone screens.
- Configured client-side routing with React Router Dom, creating intuitive navigation for product detail pages, shopping cart, and checkout, resulting in a smooth user journey.
- Implemented robust form handling and validation with React Hook Form and Zod, ensuring accurate data capture for user registration, login, and checkout processes while providing clear, inline error feedback.
- Optimized development and build performance by integrating Vite as the bundler, reducing build times and enabling rapid hot-module reloading for faster iteration.
- Ensured maintainable and type-safe code through strict TypeScript configurations and modular component architecture, resulting in improved code readability, early error detection, and a high-performance frontend codebase.

VIBE CRAFT WEBSITE BUILDER (NEXT.JS, REACT QUERY, PRISMA, TYPESCRIPT, AI POWERED):

- Architected a type-safe full-stack platform using Next.js 15 + React 19 and tRPC, ensuring seamless, strongly typed data flows between client and server and dramatically reducing runtime errors.
- Built an AI-driven generator that produces modular components and full pages from natural-language prompts, with deterministic scaffolds suitable for editing and redeployment.
- Implemented background processing and agent orchestration with Inngest (jobs + agent toolkit) to run long-running tasks, prompt orchestration, and async site builds reliably.
- Created secure auth & billing flows using Clerk (authentication + subscription billing) and a built-in credit/usage tracking system to meter AI/feature usage.
- Enabled live, shareable previews with URL access and a fast Preview ⇄ Code Explorer toggle so users and devs can inspect and iterate on generated code instantly.
- Designed E2B cloud sandboxes and Docker-based sandbox templating to execute user code in isolated, reproducible runtimes (safe execution, deterministic environments).
- Integrated multiple AI providers (OpenAI) behind a unified adapter layer so models can be swapped or combined depending on cost/latency/quality requirements.
- Persisted application state and migrations with Prisma + Neon (Postgres) for multi-tenant, versioned site data and content versioning.
- Prioritized UX and performance: component library powered by Tailwind v4 + shadcn/ui, responsive editing, incremental builds, and optimizations for fast first paint and maintainable bundles.