Mahmoud Abdelrahman

Frontend Developer

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Experience

Frontend Developer, *Megatron Company* ↗   08/2024 – Present
     Giza, Cairo

- Boosted app performance by identifying and resolving three major crash causes, resulting in a 25% increase in user retention.
- Designed interactive dashboards using Vue.js and Tailwind CSS, enabling real-time data visualization for 1,000+ users.
- Optimized state management using Pinia, reducing data flow complexity by 30% and improving application consistency.
- Enhanced frontend efficiency by implementing Vite, reducing build times by 0% and accelerating development workflows.
- Implemented PWA features such as offline support and push notifications, increasing user engagement by 20%.
- Improved accessibility by integrating internationalization (i18n) and localization, supporting 5+ languages.

Web & IT Support, *Egyptian Armed Forces*   04/2023 – 06/2024
     Cairo

- Developed and maintained **internal web pages** for departmental use using **basic HTML, CSS, and JavaScript**.
- Assisted in building **small internal tools** with **Node.js** for automating reports and managing daily operations.
- Worked with **databases** (MySQL / basic MongoDB) to update, organize, and retrieve records for operational use.
- Provided **technical support and troubleshooting** for computer systems and internal network applications.
- Collaborated with officers and IT teams to improve **data security** and streamline digital record-keeping.
- Strengthened **problem-solving, teamwork, and time management** skills in a high-pressure, structured environment.

Frontend Developer, *Freelance*   07/2024 – 04/2024
     Remote

- Designed and developed **responsive, multilingual, and SEO-friendly websites** for startups and small businesses.
- Built web applications using **Vue.js, Nuxt.js, Tailwind CSS, and GSAP animations**.
- Implemented **dynamic features** such as advanced navigation menus, search functionality, and interactive forms.
- Optimized performance using **lazy-loading, image compression, and Lighthouse/PageSpeed improvements**.
- Collaborated directly with clients to define requirements, deliver updates, and ensure **high client satisfaction**.

Education

Bachelor of Science in Computer Science, *Helwan University* ⬀   09/2018 – 05/2022
- **Web Development:** HTML, CSS, JavaScript, Vue.js, Nuxt.js, Tailwind CSS   Helwan, Cairo
- **Software Engineering:** Agile methodology, version control (Git/GitHub)
- **Database Management:** MySQL, MongoDB
- **Computer Networks & Operating Systems** (basic configuration & troubleshooting)
- **Problem Solving & Algorithms** (data structures, optimization techniques)

Technical Skills

Programming Languages — Proficient
JavaScript

Frameworks/Libraries — Proficient
Vue.js
Nuxt.js
Pinia
Vee-Validate
Auto-animate
Element-plus
Vueuse
Aos
Calendar

Markup & Styling — Expert
HTML
CSS
Tailwind CSS

Tools
VS Code
Vite

Version Control — Proficient
Git
GitHub

Technologies — Competent
Progressive Web Apps (PWA)
Internationalization (i18n)

Projects

Book Store for Download & Reading Books, *Vue.js, Nuxt.js, Tailwind CSS* ⬀   07/2025
- Developed a book download and reading platform, increasing average session duration by 30%.
- Optimized lazy loading techniques and advanced caching strategies, achieving a 40% decrease in page load times, resulting in a significant improvement in user experience and website engagement metrics.

Comics Platform & Dashboard, *Nuxt.js, Vue.js, Tailwind CSS* ⬀   12/2024
- Created an innovative comic viewing experience incorporating responsive analyzed principles and simplified navigation paths; this initiative resulted in users spending on average 15 minutes longer per visit on the platform.
- Enhanced scalability using modular component structures and advanced state management, achieving 35% faster rendering times.

Megatron Company Website, *Vue.js, Nuxt.js, Tailwind CSS* ⬀   10/2024
- Authored a professional site with SSR for fast loading.
- Merged SEO-friendly features for visibility.

SADR Website & Dashboard, *Vue.js, Nuxt.js, Tailwind CSS* ⧉   03/2025
- Developed a comprehensive platform for SADR, featuring a user-friendly interface and secure authentication.
- Applied responsive design and integrated multilingual support to ensure accessibility for users worldwide.

Car Services Website & Dashboard, *Tailwind CSS, Vue.js, Nuxt.js* ⧉   10/2024
- Spearheaded improvements to a car service booking platform, integrating an engaging interface and achieving a notable reduction in page load time by 35% through strategic application of lazy loading protocols.
- Applied efficient lazy loading, reducing initial load time by 35%.

Shahin Furniture Company Website, *Nuxt.js, Vue.js, Tailwind CSS* ⧉   09/2024
- Prepared a user-friendly interface using Tailwind CSS, increasing customer satisfaction scores by 15%.
- Directed content caching, reducing server requests and improving page load times by 5%.

El-Doc Store Website, *Nuxt.js, Vue.js, Tailwind CSS* ⧉   08/2024
- Collaborated a product showcase with a user-friendly interface, improving customer engagement.

Ideal Stores Website & Dashboard, *Vue.js, Nuxt.js, Tailwind CSS* ⧉   02/2025
- Built a secure, medical data interface, enabling CRUD operations for 1,000+ records.
- Designed a responsive UI with i18n support, catering to a global audience of 5,000+ users.
- Incorporated an online portfolio for Ideal Stores Pharmaceutical & Medical Co.
- Integrated multi-language support and SEO features.