









# Mahmoud Abdelrahman

## Frontend Developer

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 Mahmoud Abdalrhman    Mahmoud Abdalrhman    Portfolio    3D Portfolio

### Experience

- Frontend Developer, Megatron Company** 

08/2024 – Present  
Giza, Cairo

  - Boosted user retention by 25% by resolving critical app crashes and optimizing performance with **Vue.js**, **Pinia**, and **Vite** (40% faster builds).
  - Designed interactive dashboards using **Tailwind CSS**, enabling real-time data visualization for 1,000+ users.
  - Increased engagement by 20% via PWA features (offline support, push notifications) and multilingual support (5+ languages).
- Web & IT Support, Egyptian Armed Forces**


04/2023 – 06/2024  
Cairo

  - Developed internal tools with **Node.js** and **MySQL/MongoDB**, automating reports and improving data security.
  - Maintained departmental web pages (HTML/CSS/JavaScript) and resolved technical issues under pressure.
- Frontend Developer, Freelance**

04/2022 – 07/2023  
Remote

  - Built **SEO-friendly**, multilingual websites using **Vue.js**, **Nuxt.js**, and **GSAP**, improving client satisfaction.
  - Optimized performance via lazy-loading and image compression, achieving 40% faster load times.

### Education

- Bachelor of Science in Computer Science, Helwan University** 

09/2018 – 05/2022  
Helwan, Cairo

**Web Development:** HTML, CSS, JavaScript, Vue.js, Nuxt.js, Tailwind CSS

**Software Engineering:** Agile methodology, version control (Git/GitHub)

**Database Management:** MySQL, MongoDB

**Computer Networks & Operating Systems** (basic configuration & troubleshooting)

Studied algorithms, data structures, and optimization techniques to design efficient and scalable code solutions.

## Technical Skills

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### 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

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### Book Store for Download & Reading Books, *Vue.js, Nuxt.js, Tailwind CSS* [↗](#)

07/2025

- Created a book download and reading platform, increasing average session duration by 30%.
- Prepared 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

- Developed 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

- Combined 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%.

<b>Shahin Furniture Company Website,</b> <i>Nuxt.js, Vue.js, Tailwind CSS</i> <a href="#">↗</a> <ul style="list-style-type: none"> <li>• Prepared a user-friendly interface using Tailwind CSS, increasing customer satisfaction scores by 15%.</li> <li>• Directed content caching, reducing server requests and improving page load times by 25%.</li> </ul>	09/2024
<b>El-Doc Store Website,</b> <i>Nuxt.js, Vue.js, Tailwind CSS</i> <a href="#">↗</a> <ul style="list-style-type: none"> <li>• Collaborated a product showcase with a user-friendly interface, improving customer engagement.</li> </ul>	08/2024
<b>Ideal Stores Website &amp; Dashboard,</b> <i>Vue.js, Nuxt.js, Tailwind CSS</i> <a href="#">↗</a> <ul style="list-style-type: none"> <li>• Built a secure, medical data interface, enabling CRUD operations for 1,000+ records.</li> <li>• Directed a responsive UI with i18n support, catering to a global audience of 5,000+ users.</li> <li>• Incorporated an online portfolio for Ideal Stores Pharmaceutical &amp; Medical Co.</li> <li>• Integrated multi-language support and SEO features.</li> </ul>	02/2025