

# Mahmoud Abdelrahman

## Frontend Developer

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🌐 Mahmoud Abdalrhman    🔄 Mahmoud Abdalrhman

### Experience

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<b>Frontend Developer, Megatron Company</b> 	08/2024 – Present Giza, Cairo
<ul style="list-style-type: none"><li>• Boosted app performance by identifying and resolving three major crash causes, resulting in a 25% increase in user retention.</li><li>• Designed interactive dashboards using Vue.js and Tailwind CSS, enabling real-time data visualization for 1,000+ users.</li><li>• Optimized state management using Pinia, reducing data flow complexity by 30% and improving application consistency.</li><li>• Enhanced frontend efficiency by implementing Vite, reducing build times by 0% and accelerating development workflows.</li><li>• Implemented PWA features such as offline support and push notifications, increasing user engagement by 20%.</li><li>• Improved accessibility by integrating internationalization (i18n) and localization, supporting 5+ languages.</li></ul>	
<b>Web &amp; IT Support, Egyptian Armed Forces</b>	04/2023 – 06/2024 Cairo
<ul style="list-style-type: none"><li>• Developed and maintained <b>internal web pages</b> for departmental use using <b>basic HTML, CSS, and JavaScript</b>.</li><li>• Assisted in building <b>small internal tools</b> with <b>Node.js</b> for automating reports and managing daily operations.</li><li>• Worked with <b>databases</b> (MySQL / basic MongoDB) to update, organize, and retrieve records for operational use.</li><li>• Provided <b>technical support and troubleshooting</b> for computer systems and internal network applications.</li><li>• Collaborated with officers and IT teams to improve <b>data security</b> and streamline digital record-keeping.</li><li>• Strengthened <b>problem-solving, teamwork, and time management</b> skills in a high-pressure, structured environment.</li></ul>	
<b>Frontend Developer, Freelance</b>	07/2024 – 04/2024 Remote
<ul style="list-style-type: none"><li>• Designed and developed <b>responsive, multilingual, and SEO-friendly websites</b> for startups and small businesses.</li><li>• Built web applications using <b>Vue.js, Nuxt.js, Tailwind CSS, and GSAP animations</b>.</li><li>• Implemented <b>dynamic features</b> such as advanced navigation menus, search functionality, and interactive forms.</li><li>• Optimized performance using <b>lazy-loading, image compression, and Lighthouse/PageSpeed improvements</b>.</li><li>• Collaborated directly with clients to define requirements, deliver updates, and ensure <b>high client satisfaction</b>.</li></ul>	

Education

<b>Bachelor of Science in Computer Science</b> , <i>Helwan University</i>	09/2018 – 05/2022 Helwan, Cairo
<ul style="list-style-type: none"><li>• <b>Web Development:</b> HTML, CSS, JavaScript, Vue.js, Nuxt.js, Tailwind CSS</li><li>• <b>Software Engineering:</b> Agile methodology, version control (Git/GitHub)</li><li>• <b>Database Management:</b> MySQL, MongoDB</li><li>• <b>Computer Networks &amp; Operating Systems</b> (basic configuration &amp; troubleshooting)</li><li>• <b>Problem Solving &amp; Algorithms</b> (data structures, optimization techniques)</li></ul>	

Technical Skills

<b>Programming Languages</b> — Proficient JavaScript	<b>Markup &amp; Styling</b> — Expert HTML CSS Tailwind CSS
<b>Frameworks/Libraries</b> — Proficient Vue.js Nuxt.js Pinia Vee-Validate Auto-animate Element-plus Vueuse Aos Calendar	<b>Tools</b> VS Code Vite
<b>Technologies</b> — Competent Progressive Web Apps (PWA) Internationalization (i18n)	<b>Version Control</b> — Proficient Git GitHub

Projects

<b>Book Store for Download &amp; Reading Books</b> , <i>Vue.js, Nuxt.js, Tailwind CSS</i>	07/2025
<ul style="list-style-type: none"><li>• Developed a book download and reading platform, increasing average session duration by 30%.</li><li>• 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.</li></ul>	
<b>Comics Platform &amp; Dashboard</b> , <i>Nuxt.js, Vue.js, Tailwind CSS</i>	12/2024
<ul style="list-style-type: none"><li>• 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.</li><li>• Enhanced scalability using modular component structures and advanced state management, achieving 35% faster rendering times.</li></ul>	
<b>Megatron Company Website</b> , <i>Vue.js, Nuxt.js, Tailwind CSS</i>	10/2024
<ul style="list-style-type: none"><li>• Authored a professional site with SSR for fast loading.</li><li>• Merged SEO-friendly features for visibility.</li></ul>	

<b>SADR Website &amp; Dashboard,</b> <i>Vue.js, Nuxt.js, Tailwind CSS</i> <a href="#">↗</a> <ul style="list-style-type: none"> <li>Developed a comprehensive platform for SADR, featuring a user-friendly interface and secure authentication.</li> <li>Applied responsive design and integrated multilingual support to ensure accessibility for users worldwide.</li> </ul>	03/2025
<b>Car Services Website &amp; Dashboard,</b> <i>Tailwind CSS, Vue.js, Nuxt.js</i> <a href="#">↗</a> <ul style="list-style-type: none"> <li>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.</li> <li>Applied efficient lazy loading, reducing initial load time by 35%.</li> </ul>	10/2024
<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 5%.</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>Designed 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