Michael Gresh

Sr Front End Web Developer

Pinellas Park, FL | 727-600-2369 | michaelgresh@gmail.com

Senior Full Stack Developer with expertise in delivering high-performance, responsive, and accessible applications across React, JavaScript, HTML, CSS/SASS, and API-driven backends. Adept at building reusable UI components, optimizing performance, ensuring WCAG compliance, and guiding Agile teams in scalable architecture and cross-functional collaboration.

Skills

- **Languages**: JavaScript, Java, Python, TypeScript, HTML, CSS, SASS, SQL, PHP, VBA
- **Skills**: Front-End Architecture, Agile, Prompt Engineering, Generative AI, A/B testing, User Research, Stakeholder Collaboration, API-Driven Development, Progressive Web Apps (PWAs), Responsive Web Design, Cross-Browser Compatibility, Reusable Component Libraries, Site Performance Optimization
- **Tools**: Visual Studio, SQL, Git/GitHub, AWS, Tableau, React, Anthropic, OpenAI, Scrum, Jira, Cursor, Webpack, Babel, NPM, Gulp, Grunt, Cypress, Chrome DevTools, Lighthouse

Experience

Online Business   **Pinellas Park, FL**
Founder / Full Stack Developer   *April 2017 – Present*

- Developed a comprehensive business plan outlining strategic goals, financial projects, market analysis, and operational frameworks, generating close to six figures in annual revenue at 70% total margins.
- Delivered modern, enterprise-grade websites aligned with WCAG 2.1 accessibility standards, improving usability and compliance for diverse user groups.
- Increased user engagement by building custom React Progressive Web Apps (PWAs) with offline access and API-driven content.
- Improved site load times by up to 35% on average and enhanced cross-browser compatibility by leading front-end redevelopment using React and SASS.
- Reduced design-to-development turnaround by 40% by creating reusable UI component libraries integrated with Figma design systems.

Sunstar Paramedics   **Pinellas Park, FL**
Web Developer / Site Administrator   *September 2009 – Present*

- Improved operational efficiency by 20% by developing responsive interfaces tailored to EMS workflows.
- Increased system stability and reduced post-release bugs by 30% by implementing automated testing suites with React Testing Library.
- Ensured high-performance, accessible applications by conducting regular code reviews and mentoring developers on performance optimization, accessibility, and maintainable code practices.
- Delivered scalable, user-friendly interfaces by architecting and maintaining Sunstar's web platforms, supporting both clinical staff and administrative needs.

Education

Bachelor of Computer Science (In Progress) – 4.0 GPA   Expected Graduation: October, 2027
Southern New Hampshire University

- *Dean's List (2023-2025)*
- *President's List (2023-2025)*

Certifications

Professional Scrum Master® (PSM) – Scrum.org