

MICHAEL TAYLOR

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PROFESSIONAL SUMMARY

Front End Developer with 10+ years building responsive, accessible, and scalable web applications for federal, defense, and enterprise clients — including NASA and the U.S. Naval Academy. Deep expertise in React, Angular, TypeScript, and REST API integration. Consistently delivers Section 508-compliant, user-focused applications in fast-moving Agile teams.

TECHNICAL SKILLS

Frontend: React, Angular (2–17), AngularJS, JavaScript (ES6+), TypeScript, Next.js, HTML5, CSS3, Tailwind CSS, Bootstrap, Material UI, Foundation

Backend & APIs: RESTful APIs, .NET Core, SQL Server, MySQL, PHP

Tools & Platforms: Git, GitLab, Azure, Postman, Swagger, Visual Studio, VS Code, JIRA, Confluence

Practices: Agile / Scrum, Section 508 Accessibility, Responsive Design, UI Component Libraries, Technical Documentation, Stakeholder Collaboration

PROFESSIONAL EXPERIENCE

Front End Developer | Halvik / NASA | Greenbelt, MD

Mar 2024 – Present

- Building new user-facing features for a React-based federal procurement application used daily by NASA staff.
- Architected a reusable UI component library that standardized design patterns and measurably improved development efficiency across the team.
- Integrated RESTful APIs to surface database-driven content within the application, improving data accuracy and real-time responsiveness.
- Own overall application look-and-feel, with a focus on usability, accessibility, and Section 508 compliance.
- Collaborate directly with clients to define requirements, timelines, and user policies.

Technologies: React, TypeScript, Next.js, Tailwind CSS, Material UI, REST APIs, MySQL, GitLab, Swagger, HTML, CSS

Front End Developer | The Coleman Group / U.S. Naval Academy | Greenbelt, MD

May 2020 – Dec 2023

- Designed, developed, and maintained Angular applications for public-facing and internal U.S. Naval Academy portals, serving thousands of users.
- Built Angular 17 front ends integrated with .NET Core backends, including custom SharePoint master pages for internal stakeholders.
- Partnered with Navy clients to gather requirements, establish timelines, and define UI standards — translating specs into production-ready features.
- Resolved help desk escalations and trained end users on CMS publishing workflows, reducing repeat ticket volume.

Technologies: Angular 17, TypeScript, .NET Core, HTML, CSS, JavaScript, SQL Server, SharePoint, Azure, Postman

Web Application Developer | ProSphere / Veterans Administration | Alexandria, VA

Oct 2018 – Feb 2020

- Designed and delivered 3 web applications supporting VA initiatives, ensuring full Section 508 accessibility compliance.
- Modernized a legacy application by rebuilding components in Angular 7/8 and TypeScript, reducing manual staff workload.
- Developed landing pages, data tables, and online forms using Angular and Material UI; created wireframes and mockups to support stakeholder reviews.

Technologies: *Angular 7/8, TypeScript, JavaScript, Bootstrap, Material UI, HTML5, CSS3, .NET, Git*

Principal Programmer | General Dynamics / Verscend | Towson, MD

Aug 2015 – Jul 2018

- Led front-end development of enterprise reporting SPAs in AngularJS and Angular 6, migrating a legacy platform to a modern TypeScript stack.
- Drove code reviews, unit testing, and UI/UX design decisions with cross-functional Agile teams.
- Managed sprint status and estimates through JIRA and Confluence, keeping product owners and stakeholders aligned.

Technologies: *AngularJS, Angular 6, TypeScript, JavaScript, Bootstrap, HTML5, CSS3, Git, Spring MVC*

Front End Web Developer | Liquified Creative | Annapolis, MD

Jul 2014 – Jun 2015

- Designed and developed responsive client websites with a focus on branding, mobile layout, and UI design.
- Maintained PHP-based and WordPress applications for ongoing client engagements.

Technologies: *WordPress, Drupal, JavaScript, jQuery, Bootstrap, HTML5, CSS3, PHP, MySQL*

Webmaster Supervisor | Maryland Dept. of Transportation | Hanover, MD

Jan 2010 – Nov 2013

- Managed maryland.gov and multiple internal state portals; led the web team responsible for uptime, outage response, and ongoing maintenance.
- Oversaw UX/UI design and graphics for all internal web properties; contributed to the statewide SharePoint 2010 extranet rollout.

Technologies: *JavaScript, jQuery, Bootstrap, HTML5, CSS3, ASP, ColdFusion, WordPress, SharePoint, Dreamweaver CS6, Photoshop CS6, Google Analytics*

EDUCATION

B.S., Computer Science

Morgan State University — Baltimore, MD

CERTIFICATIONS

CompTIA Security+

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