

Galen W. Tenney

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SUMMARY OF QUALIFICATIONS:

Senior Web Architect | Full-Stack Engineer | Active DoD Public Trust (DHS/NACI): With over 16 years of experience, I bridge the gap between complex digital strategy and high-performance execution. I specialize in modernizing legacy systems and architecting secure, scalable front-end ecosystems for high-stakes environments. My focus is **intent-driven engineering**: ensuring every line of code serves the broader business architecture.

Core Expertise: Architecture & Leadership: Strategy-led system design, stakeholder management, and cross-platform infrastructure.

Front-End Mastery: Specialist in React (Next.js), Angular CLI, and Vue.js (Nuxt) with sophisticated CSS/SCSS architecture.

Federal/Secure Environments: Extensive experience navigating DoD/DHS security standards and ADA Section 508 compliance

TECHNICAL SKILLS INDEX:

Core Frameworks & Libraries: React (Next.js), Angular CLI, Vue.js (Nuxt), React Native, Node.js (npm), Vite. *UI Libraries:* Material-UI (MUI), Angular Material, Vuetify, Prime UI, Ant Design, Chakra UI, Mantine, Tailwind UI, Radix UI, Kendo UI, Bootstrap, React Paper.

Cloud Technologies & Infrastructure: Netlify; Google Cloud Run, Google Marketing: Ads, Analytics, Search Console, Tag Manager, Tag Assistant; Meta For Business: Facebook/Instagram Business Pages; Amazon Web Services: DynamoDB, Lambda, Step Functions, CDK/Terraform, CloudTrail & CloudWatch, S3, SNS & SQS, API Gateway, Load Balancer, Athena & Glue; Docker, Kubernetes

Engineering & Architecture: Full-Stack Development, Front-End System Architecture, System Design, Responsive Web Design, API Integration (REST/JSON), Agile Methodologies, Git/GitHub, Composer/Drush, GraphQL, Cypress

Government, Security & Strategy: Active Public Trust Clearance (NACI), Section 508 Compliance (ADA), Information Security, Digital Strategy & Stakeholder Management.

Languages & Backend: JavaScript, TypeScript, Python, PHP (Drupal/WordPress), Java, Groovy/Grails, SQL Server Management Studio

Creativity & Productivity: Adobe Creative Cloud, Apple Creator Studio, Microsoft 365 Professional, Google Workspace.

EDUCATION:

- **Pluralsight Premium, Online Tech Skills Platform,**
Montgomery Village, MD, May 2020-Present—**Angular and React Developer Role/Skill IQs**
 - What Is Angular? • Angular: Getting Started • Angular 6: The Big Picture • Angular: Creating a Basic Component (Interactive) • What Is React? • React: The Big Picture • React Fundamentals
- **O'Reilly Membership, Online IT Studies Platform,**
Washington Grove, MD, October 2019-May 2020
Relevant Coursework, Licenses and Certifications:
 - Groovy Programming Fundamentals
 - Starting a Grails 3 Project
 - Understanding the Grails 3 Domain Model
 - Advanced Databases and REST Principles in Grails 3
 - Modern JavaScript from The Beginning
 - Bootstrap 4 From Scratch With 5 Projects
- **TechLEAP/WebLEAP Program (Technology/Web Development Leading Edge Apprenticeship Program),
Graduate-Level Certificate Classes in IT Studies,**
Montgomery College, Rockville, MD, September 2015-May, 2016
Relevant Coursework, Licenses and Certifications:
 - Adobe Photoshop I—Foundation Skills
 - HTML5—Level I
 - HTML5—Level II
 - HTML5—Level III: Responsive Web Design (RWD) and Front-End Frameworks
 - JavaScript Programming
 - jQuery with JavaScript
 - JavaScript Patterns—Advanced JavaScript
 - PHP/MySQL—CMS and Web Management
 - Programming Fundamentals
 - Python Programming
 - Ruby on Rails—Level I
 - WordPress
 - XML—Introduction
- **Bachelor of Arts Degree in Art, Graphic and Web Design Concentration,**
Virginia Intermont College, Bristol, VA, September 2003-April, 2006

EXPERIENCE:

• Auralicode LLC—Montgomery Village, MD

07/2025 – Present

Founder & Lead Architect and Developer

Focus: Strategic Ownership and Modern Stack

- Architectural Strategy: Founded and led a bespoke engineering consultancy specializing in scalable, component-based architectures using React (Next.js) and Angular.
- System Design: Engineered maintainable "Human-Led" web applications for clients, prioritizing clear system boundaries and evolvable codebases to ensure long-term scalability.
- Full-Stack Delivery: Managed the end-to-end lifecycle of custom software products, from initial discovery and design-driven UX to deployment and ongoing stewardship.

• Maryland Office of the Public Defender, IT Division—Linthicum Heights, MD

12/2024 – 6/2025

Lead IT Programmer Analyst (State Contract)

Focus: Leadership / Large-Scale Project Management

- Project Leadership: Served as the Project Manager and Lead Analyst for high-stakes legal application systems, overseeing the design, testing, and implementation of critical agency tools.
- Team Mentorship: Directed the work of lower-level IT Analysts, providing technical training and code reviews to ensure alignment with agency-wide standards for "Justice, Fairness, and Dignity."
- Full-Stack Modernization: Optimized legacy Java/Groovy/Grails environments while maintaining SQL Server DBA duties for massive relational databases.

• Cherokee Federal, serving the US Coast Guard—Baltimore, MD

12/2020 – 02/2024

Mid-Level Web Developer (Contract)

Focus: Security, CUI, and Complex Logic

- Security & Compliance: Managed and developed Controlled Unclassified Information (CUI) systems for the USCG, maintaining a high-level NACI investigation and government CAC access.
- Systems Engineering: Re-architected the IPB (Information Parts Breakdown) application, replacing static methods with dynamic RESTful APIs (AJAX/JSON) and custom JavaScript event architecture.
- Performance: Improved data visualization by engineering custom highlighting, scaling, and image-loading functions for complex parts-index systems

• Cloud Lake Technology, serving the US State Department—Herndon, VA

10/2020 – 11/2020

Application Engineer (Contract)

Focus: Mission-Critical Support & DevOps Workflow

- State Department Lead: Served as the UX Development Engineer for high-visibility U.S. State Department platforms, managing full-lifecycle development and maintenance.
- Operational Excellence: Acted as the Tier-3 escalation point for a 24/7/365 global help desk, resolving high-priority technical issues for critical government communication tools.
- Modern DevOps: Implemented a DevOps model using Git/GitHub and Composer, streamlining the deployment of custom PHP themes and plugins within AWS Cloud environments.

• TechSur Solutions, serving the General Services Administration—Herndon, VA

02/2020 – 07/2020

Web Developer (Contract)

Focus: Full-Stack Modernization & Accessibility Leadership

- System Architecture: Engineered modern, responsive front-end ecosystems for the GSA's public-facing portfolio using ES6+, Sass, and Angular.
- CMS Engineering: Architected custom Drupal and WordPress themes and plugins, building reusable module libraries to standardize development across the enterprise.
- Compliance & UX: Led the implementation of ADA Section 508 accessibility standards, significantly improving the digital experience for millions of federal users.
- Full-Stack Integration: Managed the LAMP stack environment, including database configuration and technical specification writing for new website use cases.

• Arena Technical Resources/GDIT, serving NOAA—Silver Spring, MD

10/2019 – 02/2020

Junior Web Developer (Contract)

Focus: Modernization and Cross-Platform Integration

- Architectural Pivot: Spearheaded a critical XML-to-JSON-to-XML Python-based web service to modernize the CoMET system architecture.
- Modern Frameworks: Leveraged Grails 4/Groovy and Spring Boot to enhance NOAA Federal enterprise metadata systems.
- Accessibility: Led UI/UX audits and implementations to ensure 100% ADA Section 508 compliance across high-traffic NCEI web applications.

• **Light of the World Foundation—Bowie, MD**

12/2018 – 12/2025

WordPress Developer (Freelance)

Focus: Strategic Advisory & Full-Scale Modernization

- Technical Advisory: Served as a strategic advisor to organization co-founders, providing high-level recommendations for long-term digital growth and server-side stability.
- Full-Scale Execution: Managed the complete end-to-end re-creation of the foundation's digital presence, delivering a scalable, mobile-first architecture on a fixed budget.
- Infrastructure Growth: Laid the technical groundwork for multi-site expansion, automating plugin management and optimizing the PHP/MySQL backend.

• **Montgomery County Public Libraries—Rockville, MD**

04/2017 – 01/2018

Digital Strategies Specialist (Full-time)

Focus: Strategic Growth & Enterprise Efficiency

- Enterprise Intranet Design: Spearheaded the development of the SharePoint 2016 Intranet for 22 library branches, delivering a centralized sub-site architecture on time and on budget.
- Data-Driven Growth: Leveraged Google Analytics and SEO best practices to increase site traffic by 20% and search page rankings by 40%.
- Digital Accessibility: Directed a UI/UX overhaul that increased page accessibility by 80%, ensuring inclusive access for over 1.3 million residents.
- Agile Collaboration: Employed Scrum methodology to lead the creation of mobile-first features, balancing stakeholder requirements with technical constraints.

• **The Mindful Habit—Roseville, CA**

07/2016 – 09/2016

Front End Developer (Freelance)

- Architectural Recovery: Managed the full-scale technical planning and execution for a mission-critical rebuild of the "Feed the Right Wolf" coaching platform.
- UX Optimization: Engineered custom team interfaces that increased coach visibility by 75%, allowing the organization to scale its outreach efforts on a stable PHP/WordPress foundation.
- Performance Delivery: Delivered high-impact, responsive page redesigns on time and on budget, prioritizing intuitive navigation for a high-traffic wellness site.

• **Claysmile—Silver Spring, MD**

01/2015 – 04/2017

Web and Print Designer (Freelance)

- System Standardization: Spearheaded a 33% increase in company visibility by standardizing the creative product through a custom WordPress architecture and cohesive branding.
- Mobile-First Engineering: Optimized high-performance, responsive views for the global mobile ecosystem (iOS/Android), utilizing HTML5, CSS3, and jQuery to ensure cross-device consistency.
- Creative Direction: Owned the end-to-end execution of all digital and print marketing assets, aligning technical output with long-term brand strategy.

• **Thought & Possibility—Washington Grove, MD**

01/2009 – 12/2009

Web Designer (Part-time)

- Multi-CMS Integration: Developed and customized enterprise-level client architectures using both Drupal 6 and Joomla content management systems.
- System Modernization: Completely re-engineered the digital presence for a leading psychotherapy trade magazine, improving site structure, navigation, and interactive jQuery elements.
- Lifecycle Management: Hand-coded high-performance HTML message templates and coordinated complex email marketing campaigns to drive user engagement.

• **Point of Departure—Frederick, MD**

05/2005 – 10/2005

Web Designer (Freelance)

- Legacy Architecture: Designed and engineered the foundational flagship issues of pointofdeparture.org, a modern creative music resource that has successfully scaled and remained live for over 21 years.
- Pioneering Design: Established the initial technical standards and UI/UX framework for what is now a highly renowned, long-running digital journal.
- Strategic Collaboration: Facilitated requirements gathering and coordinated with global contributors to ensure the seamless deployment of a robust, stable music archive.