

JEFFREY MICHAEL HAMLIN

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I independently build complete end-to-end platforms owning the full lifecycle from system architecture and development to deployment, performance optimization, and production stability.

Portfolio: www.jeffhamlin.dev

SUMMARY

Senior Full Stack Developer with 20+ years Experience building scalable web applications and high-volume e-commerce platforms. Specialize in end-to-end front-end and back-end development, API architecture (REST/GraphQL), third-party integrations, and database-driven systems. Proficient in Magento 2, Shopify, WooCommerce, BigCommerce, and other CMS platforms, with experience developing custom modules, themes, and performance optimizations.

Extensive experience building HIPAA-compliant telehealth platforms and patient portals, including secure authentication, encrypted data handling, audit logging, and high-availability production deployments. Strong background in SaaS architecture, automation workflows, and delivering production-ready systems from requirements through launch.

- End-to-end Senior Full Stack Developer with 20+ years building scalable web applications, SaaS platforms, and high-volume e-commerce systems
- Expert in Magento 2, Shopify, WooCommerce, BigCommerce, and custom platform development including modules, themes, and complex integrations
- Strong backend and API architecture experience using REST, GraphQL, webhooks, authentication, and database-driven system design
- Performance-first engineering focused on speed, reliability, Core Web Vitals, caching, query optimization, and production stability
- Security-driven development experience including OWASP best practices, role-based access control, audit logging, encryption, and HIPAA-aligned systems

AREAS OF EXPERTISE

- Full Stack Web Development
- Magento 2 Development (Modules, Themes)
- E-commerce Platform Engineering
- API Development (REST, GraphQL, Webhooks)
- System Architecture and SaaS Design
- Database Design and Optimization (MySQL)
- Performance Optimization (Core Web Vitals)
- Security and Compliance (OWASP, HIPAA)
- Cloud and DevOps (Docker, CI/CD, Cloudflare)
- Third-Party Integrations (Payments, ERPs, CRMs)
- Technical Troubleshooting and Debugging
- Project Ownership and Production Deployment

Lead Full Stack Developer | Planned end date: 2026 (project completion)

Active ScriptSuite • Fort Lauderdale, FL

2025 to Present

Telehealth SaaS Platform and Provider Portal (Custom Build) | Building a full production telehealth platform from zero to launch, end-to-end. Engagement scheduled to conclude upon production launch and handoff.

- Architected and developed a complete SaaS platform for providers, clinics, and patients, combining a storefront, patient portal, and provider dashboard in one system
- Built real-time video and audio consultation capabilities and integrated scheduling, reminders, secure messaging, and consultation workflows
- Developed a flexible intake and onboarding system supporting dynamic forms, program enrollment, and automated patient routing to providers
- Implemented role-based access for platform administrators, clinics, providers, staff, and patients with audit-ready activity logging
- Built billing and payments including subscriptions, one-time purchases, and platform fee support, with multi-party payment flows when needed
- Created admin tools to manage tenants, users, programs, pricing, content, and operational workflows across multiple clients
- Designed secure API and webhook integrations to automate workflows, reduce manual operations, and support future partner connections
- Optimized for speed and reliability with performance-first front-end delivery and production-ready deployment workflows
- Achieved 95+ Google PageSpeed scores on both mobile and desktop for a production storefront and patient portal through performance-first development

Senior Developer | **Project-based**

Stronghold Medical • North Palm Beach, FL

2023 to 2025

Magento 2 Platform Build (Medical Equipment E-Commerce)

- Led end-to-end Magento 2 platform implementation for a medical equipment e-commerce operation supporting both B2B and B2C workflows.
- Installed, configured, and launched Magento 2 with a production-ready architecture aligned to business and operational requirements.
- Developed custom Magento modules and a fully customized theme to support industry-specific features, UX requirements, and scalable growth.
- Implemented B2B and B2C functionality including customer segmentation, catalog permissions, tier pricing, cart/checkout rules, and order processing workflows.
- Optimized MySQL performance through indexing, query tuning, data integrity safeguards, and structured data management practices.
- Integrated third-party systems including payment gateways, shipping carriers, tax/shipping logic, and analytics tracking for measurable performance reporting.
- Improved performance using caching and front-end optimization techniques, including Redis, Varnish, CDN strategies, and Core Web Vitals improvements.
- Strengthened security posture through patch management, admin hardening, 2FA, vulnerability monitoring, and server-level protections.
- Supported regulatory and accessibility requirements by aligning site UX and product workflows with ADA best practices and medical device sales compliance needs.

Senior Developer & Security Specialist | Full-time**MintRx / TruleeHealth • North Palm Beach, FL****2018 to 2024**

Hired to stabilize and rebuild a failing Magento e-commerce platform and integrate a custom telehealth system into core business workflows.

- Designed and developed a custom Magento theme and multiple custom Magento 2 modules to support pharmacy and clinic operations, improve admin efficiency, and enable scalable growth.
- Led full lifecycle development from planning and architecture through deployment, monitoring, and ongoing maintenance for the storefront and backend systems.
- Integrated telehealth functionality into the customer experience, connecting patient workflows to e-commerce and supporting video and audio consultation workflows.
- Implemented third-party integrations for payments, shipping, analytics, marketing tools, and operational systems using REST APIs, webhooks, and platform extensions.
- Increased site speed and stability through performance tuning, database optimization, caching strategies, and front-end improvements aligned to Core Web Vitals.
- Strengthened security posture through patch management, access controls, vulnerability review processes, and periodic security audits.
- Delivered technical SEO improvements including metadata enhancements, site architecture cleanup, URL optimization, and content updates to improve organic visibility.
- Managed catalog operations including product setup, pricing updates, inventory management, promotions, and cart price rule configuration to support revenue goals.
- Provided ongoing production support by troubleshooting checkout, payment processing, order workflows, and integration issues while coordinating with marketing and operations.
- Contributed to telehealth platform development prior to acquisition by Sedona Group, Arizona.

Senior Developer | Project-based**ONEBEAT Medical and Training • Fort Lauderdale, FL****2018 to 2019**

- Designed and built multiple Magento Community Edition storefronts, including multi-language implementations supporting both B2B and B2C purchasing.
- Developed custom B2B ordering workflows including distributor portals, account-level pricing, negotiated deal structures, dropshipping support, and vendor-specific ordering rules.
- Built advanced customer and distributor account features including order tracking, quick reordering, shipping status updates, and automated notifications for expiring products.
- Built and optimized a high-converting B2C storefront experience by improving site navigation, product discovery, and overall usability across desktop and mobile.
- Developed a sales representative portal for live events to enable promotional pricing, QR-driven ordering, and streamlined on-site purchase workflows.
- Supported a parallel WooCommerce platform, delivering comparable B2B/B2C functionality, third-party integrations, and workflow automation across both systems.
- Built a custom training school platform to support daily operations, including class scheduling, enrollment controls, online payments, automated reminders, and instructor-to-student communication.

Senior Developer | Full-time

AGI • Sunrise, FL

2007 to 2019

- Delivered full lifecycle web development for B2B and B2C websites, including front-end and back-end builds, continuous improvements, and production support
- Built and maintained e-commerce websites including platform setup, customization, theme development, feature enhancements, and long-term maintenance
- Developed responsive, database-driven web applications using HTML5, CSS3, JavaScript, ASP.NET, and SQL, with structured data formats including JSON and XML
- Designed and launched websites across multiple industries including automotive, luxury retail, and service-based businesses, tailoring UX and functionality to each market
- Created marketing assets and web graphics to support brand consistency across websites, landing pages, and digital campaigns
- Produced corporate and promotional video content using Adobe Premiere Pro and After Effects, including product videos, presentations, and commercial-style edits

EDUCATION

ASSOCIATE DEGREE IN GENERAL STUDIES WITH EMPHASIS ON COMPUTER SCIENCE

- **BROWARD COLLEGE**

- COMPUTER SCIENCE, US-AA DEGREE-DAVIE 2000

BACHELORS DEGREE IN COMPUTER SCIENCE WITH EMPHASIS ON COMPUTER SCIENCE

- **FLORIDA ATLANTIC UNIVERSITY**

- COMPUTER SCIENCE, US-BFA DEGREE-BOCA 2002

FAA Certification

- **RICHAEDS FLIGHT ACADEMY**

- PROFESSIONAL PILOT PROGRAM, US-VFR Plane-FT LAUDERDALE 2008
- PROFESSIONAL PILOT PROGRAM, US-VFR Helicopter-FT LAUDERDALE 2013

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