

# Joshua F. Howard

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## RELEVANT WORK EXPERIENCE

### LifeBridge Health

#### Web Developer / Digital Operations Lead

Baltimore, Maryland | November 2020 - Present

- Served as the sole technical developer on the web team, owning the full stack across a legacy .NET CMS, WordPress, and an ongoing Drupal migration.
- Developed a custom Drupal contributed module using the Kyruus API to dynamically surface physician directory listings on the front end, preceded by a JavaScript-based prototype used in executive board presentations.
- Led the organization's CMS migration from a legacy .NET platform to Drupal, managing Git workflows, GitLab CI/CD pipelines, and dev-to-production deployment processes.
- Directed two major website overhauls, including a full UX restructuring and content consolidation that reduced the site from thousands of pages to a few hundred.
- Architected a development workflow using VSCode and Cacher.io that enabled a non-technical team to reuse code blocks, significantly accelerating output on a legacy .NET platform.
- Established and managed a WPEngine environment to host partner and satellite websites, ensuring consistency with LifeBridge Health branding guidelines.
- Manage all domains and DNS records across the full LifeBridge Health system, including hospitals, clinics, and partner organizations.
- Build and maintain campaign landing pages, multi-page website subsections, and full Drupal front-end and back-end components across the organization's digital ecosystem.
- Leveraged BrightEdge for enterprise SEO, Invoca for call analytics, and Salesforce Marketing Cloud for email campaigns.

### FullStackHoward LLC

#### Owner / Full-Stack Developer

Cockeysville, Maryland | October 2025 - Present

- Conduct discovery and requirements-gathering calls with clients to define project scope, technical needs, and business goals prior to development.
- Design, develop, and deploy custom WordPress websites on self-managed Apache servers running Rocky Linux, handling full server configuration including email setup, domain management, and WordPress optimization.
- Develop custom WordPress plugins to deliver tailored functionality beyond out-of-the-box CMS capabilities, meeting unique client requirements.
- Build and deploy React applications for clients requiring custom functionality and a scalable architecture capable of growing with their business needs.
- Developed a full-stack PHP Laravel application with a Filament-powered admin panel for a Baltimore theater group, enabling the client to independently manage show calendars, banner images, and dynamic content.
- Implement GitHub Actions CI/CD pipelines to automate deployments, ensuring client websites update instantly upon code changes without manual intervention.
- Manage SEO strategy, Google Analytics, and performance optimization for client websites, using Pingdom Tools during development to consistently achieve A+ load time scores.
- Host and manage client WordPress websites through WPEngine and self-hosted Apache environments, ensuring security, uptime, and performance across all properties.

### Aon Corporation

#### Software Automation Engineer

Hunt Valley, Maryland | September 2016 - February 2020

- Designed and developed automated benefits processing workflows using WebMethods, writing Java-based methods to handle high-volume EDI and flat file transactions including 834 files, payroll deductions, and benefits elections.
- Engineered advanced data filtering and transformation logic using Java and Regex to ensure data integrity across diverse client file formats.
- Wrote complex, multi-layered SQL queries to extract, validate, and reconcile benefits enrollment data from enterprise databases.
- Developed and rigorously tested payroll deduction algorithms against multiple datasets, ensuring compliance with client-specific business rules before deployment.
- Served as the primary client-facing analyst for large enterprise accounts, translating complex benefits enrollment requirements into technical specifications for development teams.

## Web By Howard LLC

### Owner / Freelance Developer

Dallas, Texas | January 2016 - November 2020

- Managed, maintained, and optimized 50+ WordPress and Drupal websites, proactively resolving technical issues to maintain uptime, security, and performance.
- Developed custom WordPress and Drupal themes from scratch using Figma, PHP, HTML, CSS, and JavaScript, delivering client-aligned designs from concept to deployment.
- Built custom WordPress plugins and Drupal modules to extend CMS functionality beyond out-of-the-box capabilities.
- Converted static websites into dynamic CMS-driven platforms using the Laravel PHP framework.
- Developed tailored front-end experiences using React.js, TypeScript, React Native, and Tailwind CSS.
- Designed and built a unified Django REST Framework API serving two community web properties from a single backend, replacing static hardcoded content with a fully dynamic data layer.
- Designed a PostgreSQL 16 database schema across three Django apps covering events, squads, games, projects, and announcements.
- Implemented bi-directional Discord integration and set up GitHub Actions CI/CD pipelines for automated deployment of both Django API and Node.js Discord bot services.

## Texas Tech University Athletics

### IT Support Specialist

Lubbock, Texas | October 2013 - December 2015

- Assumed responsibility for the full computer deployment process, including building and maintaining system images pre-configured with campus security policies and approved software.
- Managed Active Directory user accounts and group permissions, controlling employee access to network drives and shared resources.
- Identified and solved a critical gap in the campus backup strategy by developing an AppleScript solution that automated daily backups to a network drive for all department Mac computers.
- Collaborated with the campus networking team to diagnose and maintain Windows IIS infrastructure, developing PowerShell scripting skills in the process.

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## EDUCATION

### Western Governors University

M.S. Software Engineering (DevOps concentration)

### Texas Tech University | Lubbock, TX

B.S. Interdisciplinary Studies (Business & Computer Science)

Organizations: AITP - Lead Web Designer | ACM - Associate Applications Developer | Alpha Kappa Psi - Web Developer & Secretary

**Delgado Community College | New Orleans, LA**

A.S. Computer Information Technology

Organizations: Phi Theta Kappa