



Joshua F. Howard

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RELEVANT WORK EXPERIENCE

LifeBridge Health, Baltimore, Maryland

November 2020 – Present

Front-End Web Developer

- Successfully managed and optimized high-traffic Drupal and WordPress websites, prioritizing performance, security, and user engagement across multiple digital properties.
- Leveraged data-driven insights from Google Analytics and user journey tracking tools to optimize website performance and conversion rates by 20%.
- Developed and implemented SEO strategies and best practices, resulting in a 30% increase in organic search traffic and improved search engine rankings.
- Proficient in front-end and back-end web development technologies, including HTML, CSS, JavaScript, PHP, and frameworks like React.
- Led and mentored junior team members, fostering a productive and collaborative work environment.
- Developed and maintained highly responsive and dynamic user interfaces, ensuring a seamless user experience across all devices.
- Streamlined development and deployment processes by implementing GitLab CI/CD pipelines, reducing release times by 30%.
- Successfully led two major website redesigns and migrations.
- Collaborated with System Administrators to configure and deploy backend Drupal functionalities and services, enhancing user experiences and driving business growth.
- Improved website performance and user experience by implementing caching and CDN technologies.

Vicers LLC, Hunt Valley, Maryland

January 2023 – January 2025

Owner

- Successfully deployed and configured gaming servers on Linux platforms, leveraging Apache and Bash scripting for automation and optimization.
- Demonstrated strong technical writing and documentation skills by creating clear and concise tutorials and guides for configuring and managing Unix-based Proxmox servers.
- Developed and deployed React applications, configuring Apache servers as reverse proxies to route traffic effectively.
- Successfully implemented and managed AWS-based [solutions](#) for small businesses, including (EC2, S3, RDS, etc.), improving their operational efficiency, scalability, and cost-effectiveness.

Aon Corporation, Hunt Valley, Maryland

September 2016 – February 2020

Software Automation Engineer

- Collaborated with team members to create automated systems, facilitating the streamlining of multiple processes across the organization.
- Proficient in data analysis and SQL, enabling informed decision-making and strategic planning. These skills are essential for managing and optimizing data within cloud environments.
- Developed and implemented a Java-based payroll algorithm, demonstrating problem-solving and automation skills highly valuable in cloud-based infrastructure management.
- Led cross-functional teams across multiple locations, successfully implementing and managing Agile methodologies (Kanbanized Scrum). This experience aligns with the collaborative and iterative nature of cloud projects.
- Successfully migrated project management tools, demonstrating adaptability and the ability to drive process improvements, key skills for navigating the evolving landscape of cloud technologies.
- Leveraged SQL and JavaScript to optimize data extraction processes. This experience demonstrates the ability to integrate data management and scripting skills, crucial for automating cloud infrastructure tasks.
- Developed robust data filtering solutions using Java and Regex, emphasizing data integrity and quality assurance, essential for maintaining reliable and secure cloud environments.

Web By Howard LLC, Dallas, Texas
Owner/Freelance Developer

January 2016 – November 2020

- Developed and deployed custom Discord bots using Python and discord.js, demonstrating strong programming and problem-solving skills while enhancing server functionality with features like user AI prompting and automated message delivery.
- Managed, maintained, and optimized over 50 WordPress and Drupal websites, ensuring optimal performance, security, and user experience. Proactively addressed and resolved technical issues to maintain website uptime and functionality.
- Developed and implemented custom WordPress and Drupal themes from scratch, leveraging expertise in Figma, Adobe Creative Suite, PHP, HTML, CSS, and JavaScript to deliver visually appealing and user-friendly websites that align with client branding.
- Created and implemented custom components and plugins to extend the functionality of WordPress and Drupal, demonstrating a strong understanding of CMS architecture and a client-centric approach to problem-solving.
- Developed tailored website experiences for clients utilizing a range of web frameworks, including React.js, TypeScript, React Native, and Tailwind CSS, to create dynamic and user-friendly interfaces.
- Converted static websites into dynamic content management systems (CMS) using the Laravel PHP framework, empowering clients with greater control over their website content and enhancing their online presence.

Texas Tech University Athletics, Lubbock, Texas
IT Support Specialist

October 2013 – December 2015

- Administered Active Directory infrastructure, overseeing user management, security policies, and group policy objects to streamline network operations and enhance security posture.
- Provided comprehensive help desk support, effectively troubleshooting hardware and software issues to ensure smooth operational continuity and end-user satisfaction.
- Applied technical writing skills to develop clear and concise documentation and training materials, improving user efficiency and reducing support requests.
- Demonstrated strong problem-solving abilities by effectively diagnosing and resolving technical issues across diverse cloud environments (SaaS, PaaS, IaaS).
- Successfully identified and resolved a critical performance bottleneck in a SaaS application by analyzing cloud logs and identifying resource contention, demonstrating analytical and diagnostic skills.
- Developed and implemented an AppleScript for automated daily backups of critical data to Azure cloud storage, enhancing data security and disaster recovery capabilities.
- Gained in-depth expertise in Windows IIS infrastructure and PowerShell scripting for efficient backup and recovery of department Windows PCs, ensuring data integrity and business continuity.

EDUCATIONAL EXPERIENCE

Texas Tech University, Lubbock, Texas

Bachelor of Science: Interdisciplinary Studies (Management Information Systems and Computer Science)

Organizations and Roles: Association of IT Professionals (AITP) – Lead Web Designer. Association of Computing Machinery (ACM) – Associate Applications Developer. Alpha Kappa Psi Fraternity – Web Developer and Secretary

Delgado Community College, New Orleans, Louisiana

Associate of Science: Computer Information Technology

Organizations and Roles: Phi Theta Kappa