

# Logan Harber

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## SKILLS

<b>Languages</b>	HTML, CSS, Typescript, JavaScript, Python, SQL, C#, Java, BASH, PowerShell
<b>Front-End Development</b>	React, Vue, D3, Bootstrap, Bulma, Material UI, LESS, SASS, Gulp.js, Webpack, Babel, Google Maps, Responsive Web Design
<b>Back-End Development</b>	Node.js, Express, Django, .NET, Sitecore, dotCMS, API Development and Integration
<b>Databases</b>	MongoDB, Microsoft SQL Server, MySQL
<b>Testing Frameworks &amp; Practices</b>	Jest, Mocha, Chai, Nightwatch.js, Unit Testing, Test-Driven Development (TDD), Behavior-Driven Development (BDD)
<b>DevOps</b>	GitHub, GitHub Actions, GitHub Advanced Security, Azure DevOps, Security Vulnerability Scanning, Continuous Integration/Continuous Delivery (CI/CD)
<b>Methodologies &amp; Practices</b>	Agile Development Methodologies, Web Accessibility Standards (ADA Compliance), User Experience (UX) Design

## EXPERIENCE

**HCA Healthcare ITG** Nashville, TN

**Consulting Application Engineer (Technical Lead)** | July 2021 - Present

- Collaborate with stakeholders and product owners to create a development roadmap and shape overall product direction, resulting in improved alignment and clear objectives
- Lead engineer for the organization's Engineering Community, defining standards and best practices, fostering a culture of excellence and continuous improvement
- Lead engineer for organization's effort for unit testing, code coverage thresholds and education, ensuring all teams and applications are positively trending towards organizational goals
- Lead engineer responsible for the organization's GitHub Enterprise instance, ensuring proper configuration, organization of 200 repositories, and managing team access and roles for over 220 people to enable effective collaboration and maintain appropriate permissions within the organization
- Conduct code reviews across 25 repositories averaging 260 change requests per year, ensuring adherence to development and contribution standards, resulting in improved code quality and knowledge sharing
- Mentor junior engineers through peer reviews and pair programming sessions and regularly scheduled knowledge transfer sessions, promoting a culture of learning and collaboration
- Conduct interviews for engineering and product analyst roles for multiple teams in the organization, assessing candidate viability and contributing to the hiring of qualified individuals
- Interact with stakeholders to refine requirements and ensure all user stories meet the definition of ready, facilitating successful project execution
- Create, maintain, and prioritize technical debt items for two enterprise applications and create technical requirements for over 150 user stories per year, enabling engineers to efficiently deliver changes and ensure application longevity
- Assess vendor viability and success, evaluating potential vendors and their solutions for suitability within projects, enabling informed decision-making for organization leadership
- Develop and maintain over 100 CI/CD pipelines and workflows across 25 repositories, leveraging expertise in Azure DevOps and GitHub Actions to enhance development efficiency and code quality
- Develop and maintain a headless Sitecore application using React, .NET, Azure DevOps, and GitHub Actions, meeting project requirements and delivering a robust solution

- Create and maintain comprehensive documentation, facilitating efficient onboarding and support
- Subject matter expert on web accessibility, ensuring ADA Accessibility compliance across more than 900 websites

### **Senior Front End Application Engineer** | *November 2019 - July 2021*

- Developed and maintained Coronavirus Assessment Tool with Microsoft Health Bot for efficient patient care triage, improving healthcare processes and response during the pandemic
- Architected and implemented solution to compile/transpile JavaScript and LESS using Gulp.js and Webpack.js, simplifying development processes and creating consistently reproducible code
- Architected and implemented CI/CD solution using Azure DevOps to deploy DotCMS code across all environments, streamlining code deployment, improving development efficiency, and increasing overall application stability

### **Front End Application Engineer II** | *December 2016 - November 2019*

- Led migration of 29 repositories to GitHub Enterprise and provided Git training, enhancing version control processes
- Developed and maintained core enterprise functionality for 900+ DotCMS websites, supporting their critical operations
- Automated end-to-end testing using Nightwatch.js, improving testing efficiency and transparency
- Optimized website performance with code minification, caching, and image optimization, enhancing page speed performance and user experience
- Created Python automations for publishing release notes and identifying insecure links on over 400,000 web pages

### **UI/UX Application Engineer (Contract)** | *September 2016 - November 2016*

- Collaborated with stakeholders to create design prototypes based on requirements, facilitating effective communication and visual representation of design concepts
- Translated design mockups and wireframes into functional prototypes using HTML, CSS, JavaScript, and Jekyll, enabling evaluation and feedback on design concepts
- Audited patient-facing websites for accessibility issues, prioritizing ADA compliance, enhancing accessibility and providing equal access to information and services for all users

### **Younger Associates** Jackson, TN

#### **Full Stack Developer** | *April 2015 - September 2016*

- Developed and deployed 50 websites and applications using HTML5, CSS/SCSS, JavaScript, PHP,MySQL and utilizing front-end frameworks like Bootstrap and Bulma to create visually appealing user interfaces and providing robust digital solutions to clients
- Managed server infrastructure, overseeing server maintenance and security, ensuring stable website operations
- Utilized best practices for SEO (Search Engine Optimization) to improve website visibility and search engine rankings, increasing organic traffic and online presence

## **EDUCATION**

### **University of Tennessee at Martin** Martin, TN

*Bachelor of Science, Computer Science* | August 2010 - December 2014

### **Jackson State Community College** Jackson, TN

*Associate of Science, Biology* | August 2008 - May 2010

## **Awards**

### **Employee of the Quarter** | *August 2022*

- Recognized by DPx Organization leadership for exceptional performance, dedication, and significant contributions to the organization during that quarter