Michael Harris

Cincinnati, OH • jbmdharris@gmail.com
www.linkedin.com/in/jbmdharris • jbmdharris.github.io

Front-end web developer with 25+ years successfully creating outstanding content, delivering innovative products, and leading empowered teams.

Collaborative problem solver with an eye for quality, broad technical skill, exceptional attention to detail, holistic thinking, and ability to speak the languages of engineering and design. Enables cross-discipline teams to reach full potential through personal contribution, providing technical support, and facilitating peer education.

Experience With:
Design thinking • Agile development • Coding web applications • Usability testing • User interface and interaction design • HTML • CSS/Less/Sass • Mustache • Handlebars • JavaScript • jQuery • Dojo • Angular • React • REST AJAX • JSON • JSONP • Web accessibility • Globalization/Translation • Website optimization • Java • JSP • PHP LotusScript • C/C++ • XML/XSLT • GitHub Enterprise • Rational Team Concert • Jenkins • Photoshop • Illustrator Camtasia Studio • WordPress • Eclipse • Windows maintenance/security

Experience

IBM, Cincinnati, OH • Lead web developer   2014 – present

Leading team of front-end developers in the design group responsible for IBM Verse (cloud mail product).

- Delivers production and soft/dark launch features by using agile methods in a continuous delivery environment.
- Enhances customer satisfaction by ensuring the design intent is implemented.
- Enables team efficiency by being the focal point for technical problem resolution and cross-team collaboration.
- Improves performance by using web optimization tooling and refining production graphics.
- Increases quality by documenting coding standards, creating developer cookbooks, and conducting peer reviews.
- Eliminates duplicate effort by maintaining test systems.
- Reduces new feature time-to-market by producing prototypes for usability testing.

IBM, Cincinnati, OH • Lead web developer   2012 – 2013

Led team of front-end developers for Social Business marketing site on ibm.com.

- Delivered weekly updates by collaborating with marketing to identify new content.
- Created visual and interaction designs for new content by partnering with designers.
- Reduced delivery process time from days to minutes by transitioning from PHP application to CMS solution.
- Extended reach of site message by translating and supporting the site in 19 languages.

IBM, Cincinnati, OH • Lead web developer   2009 – 2011

Led team of front-end developers for Lotus One UI Toolkit (CSS framework).

- Improved customer satisfaction and reduced cost by driving user interface consistency across products.
- Drove adoption by leading company-wide steering committee.
- Expanded breadth of coverage by collaborating with design staff to create new componentry.
- Ensured accessibility compliance by completing accessibility testing and compliance checklists.
- Solved translation issues by innovatively building pseudo-translation system into test environment.
- Streamlined cross-product processes by performing common legal compliance work.
- Increased team efficiency by maintaining all source control, build, and test environments.

Prior Experience

IBM, Cincinnati, OH • Domino web developer

Migrated Lotus Symphony marketing site on ibm.com from Jive to Domino infrastructure.

IBM, Cincinnati, OH • Lead demonstration developer

Led team creating Adobe Flash and recorded video demonstrations of IBM products.

IBM, Research Triangle Park, NC • Web and server developer

Worked with designers to develop web user interfaces for WebSphere Portal. Delivered Java server-side code and HTML/CSS/JavaScript web components.

IBM, Research Triangle Park, NC • Developer of application builder tools

Worked with designers to create application builder tools such as Lotus BeanMachine (Java application builder) and WebSphere Studio (web application builder). Responsible for the translation of these tools into 12+ languages. Collaborated with Sun Microsystems to create industry standard specifications such as JavaBeans and Java Server Pages. Worked with teams from acquired companies to integrate technologies and code.

IBM, Cary, NC • C developer, writer

Worked with designers to create and usability test user interface components. Published style guidelines for these components with Microsoft and OSF/Motif. Delivered code for these components in IBM Operating System/2.

Education

B.S., Bachelor of Science, Computer Engineering, North Carolina State University, Raleigh NC

Notable

- IBM Outstanding Technical Achievement Award for Lotus One UI Toolkit, 2011

- U.S. Patent 6 263 486, M. Harris, J. Boezeman, C. Jones, C. Paul, "Method and System for Dynamic Connections with Intelligent Default Events and Actions in an Application Development Environment", July 2001

- U.S. Patent 5 889 991, M. Harris, S. Consolatti, C. Jones, "Method and System for Customizing a Palette Using any Java Class", March 1999

- Best of Show award at Ziff-Davis Web Innovation conference for "Lotus BeanMachine", 1997

- Published content in "Object-Oriented Interface Design: IBM Common User Access Guidelines" ISBN: 1565291700, 1993

Skills

- Leading cross-discipline teams
- Software development using agile methodologies and continuous delivery
- Front end development including HTML, CSS, and JavaScript frameworks
- Technical writing
- Accessibility testing and compliance
- Web application and site development and deployment
- Windows system administration and security compliance