



Rich Bothe

FRONT-END DEVELOPER • REMOTE U.S.
VUE.JS • TYPESCRIPT • GIS

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richbothe.com

SUMMARY

Front-end developer seeking a fully remote role. Nearly 20 years developing, the last 9+ building accessible, data-driven web apps for the public, specializing in reactive and GIS applications. Experienced working both fully remote and hybrid, with clear communication, end-to-end ownership, and Jest-tested, reusable code that teammates can pick up.

Selected work: richbothe.com/work (case studies: seven maps on ArcGIS 4.x, jQuery to Vue, and Mojo Portal to Umbraco)

TECHNICAL SKILLS

Front-end	JavaScript (ES6+), TypeScript, HTML5, CSS3, Vue.js with Pinia, Bootstrap
GIS & mapping	ArcGIS API for JavaScript, GIS and mapping applications
CMS & data	Umbraco CMS, REST APIs, JSON, Google Tag Manager, SiteImprove
Tooling & quality	Node.js, Git, Azure DevOps, Adobe Workfront, VS Code, Vite / Webpack, Jest, Playwright, WCAG accessibility, responsive design, AI-assisted development

PROFESSIONAL EXPERIENCE

Front-End Developer, Metro Transit

JUNE 2017 - PRESENT

Minneapolis, MN

- Lead the modernization of transit tools from legacy jQuery and Bootstrap 4.x to Vue.js and Bootstrap 5.3.
- Technical lead on the migration from the legacy Mojo Portal CMS to Umbraco CMS.
- Develop GIS web applications with the ArcGIS API for JavaScript: real-time trip planning, vehicle tracking, and park & ride and stop & station finders.
- Build Vue components shared across trip tools including Trip Planner, NexTrip, and Schedules & Maps among others.
- Integrate REST APIs and geospatial services for dynamic, location-aware experiences.
- Improve performance, accessibility (WCAG) and mobile responsiveness.
- Maintain unit and end-to-end tests and coverage with Jest and Playwright, and automate workflows with a Git CI/CD pipeline.

Continued on page 2: BI Worldwide, Outsell, US Bank, Best Buy, freelance work, Harland Financial Solutions, Digital River, education.

PROFESSIONAL EXPERIENCE (CONTINUED)

BI Worldwide · Front-End / HTML Email Template Developer EDINA, MN · 2013 - 2017

- Developed responsive HTML email templates and tested across platforms.
- Converted designs into responsive websites using HTML, CSS, JavaScript and jQuery.
- Integrated front-end work with Java and PHP platforms.
- Debugged issues and supported legacy systems.

Outsell, LLC · UI Developer MINNEAPOLIS, MN · 2013

- Provided UI recommendations and created wireframes.
- Collaborated with stakeholders and UX teams.
- Developed style guides and improved usability.

US Bank · UI Developer / Graphic Designer RICHFIELD, MN · 2012

- Converted designs into HTML5 / CSS3.
- Integrated UI into JSP applications.
- Collaborated with developers and improved UI consistency.

Best Buy · Front End Web Developer RICHFIELD, MN · 2012

- Built responsive prototypes using HTML5 / CSS3 and collaborated in agile teams.

Freelance · Full-Stack Web Developer 2007 - PRESENT

- Design, build and maintain websites for small and local businesses using CMS Made Simple (PHP, MySQL, Apache).
- Manage shared hosting and DNS for clients (cPanel, domain-based Gmail).
- Own the full lifecycle, from requirements and design through launch and ongoing support.

Harland Financial Solutions · Implementation / Account Manager

MOUNDS VIEW, MN · 2004 - 2008

- Managed implementations, client relationships and technical coordination.

Digital River · Major Client Liaison / QA Analyst EDEN PRAIRIE, MN · 2001 - 2004

- Supported enterprise clients, QA processes and training initiatives.

EDUCATION

KRS Computer & Business School · Network Administrator (MCSE)