Drew M. Bailey

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CAPABILITIES

UI Engineer | Front-End Developer with 12+ years building high-performance, accessible interfaces using React, TypeScript, and modern front-end tools. Skilled in Material UI, responsive design, and performance optimization for enterprise-scale web apps. Experienced collaborating with cross-functional teams to deliver secure, intuitive, and user-focused applications.

- Maintained and improved a large-scale React-based microservice console composed of multiple integrated applications.
- Built and maintained responsive, accessible React UIs ensuring compatibility across major browsers.
- Integrated generative AI into UI services.
- Collaborated directly with designers and clients to deliver user-friendly, accessible websites (WCAG standards) and applications.
- Maintained healthcare applications handling secure patient data under HIPAA compliance.
- Positive, proactive team member who leads by example, fosters collaboration, mentors coworkers, and improves team processes.

Tools & Technical Knowledge

- **Languages & Frameworks:** React, Next.js, TypeScript, JavaScript (ES6+), Redux, Node.js, PHP (Laravel, CodeIgniter), Python, Java
- **Frontend:** Microservices, event-driven architecture, responsive design, cross-browser compatibility, WCAG accessibility standards, SEO optimization
- **CMS & Platforms:** WordPress, Drupal, HubSpot, Magento, BigCommerce, Shopify
- **Backend & Data:** MySQL, PostgreSQL, REST, GraphQL, CI/CD pipelines
- **Other:** Git, Jira, Agile/Scrum, HIPAA, Github Actions, AI-assisted development (GitHub Copilot, ChatGPT, Cursor)
- **Communication:** Strong written communicator with a background in journalism; skilled at translating technical details for non-technical stakeholders

EXPERIENCE

Oracle | Remote
UI Engineer | 2022 – 2025

- Maintained and updated a sophisticated React-based microservice console for Oracle Cloud.
- Served as tech lead on feature development and DevOps improvement projects
- Served as Scrum Master, leading sprint planning, backlog refinement, and retrospectives to drive Agile best practices across the team.
- Collaborated with marketing and design teams to ensure usability, accessibility, and branding consistency.
- Performed large-scale global releases across multiple deployment targets using complex CI/CD pipelines, reducing deployment times and improving reliability.

- Partnered with cross-functional teams to deliver customer-facing features in a microservice-based architecture, leveraging React, TypeScript, REST APIs, and CI/CD pipelines.
- Integrated generative AI into Oracle Cloud console customer support workflows, designed response templates, integrated multi-agent chat, to improve operator efficiency.
- Contributed to a major refactor of the console UI into a more modular and maintainable configuration-based system.

Raka Creative | Portsmouth, NH
Full Stack / PHP Engineer | 2017 – 2022

- Developed and supported websites using PHP frameworks (Laravel, CodeIgniter, custom MVC) and CMSs (WordPress, Drupal, ProcessWire).
- Partnered with designers and marketing teams to translate designs into pixel-perfect, responsive front-end implementations.
- Served as a client-facing technical resource for the marketing team.
- Built and optimized sites for UX and SEO performance.
- Built a custom component-based system to streamline website development.
- Championed adoption of consistent coding standards and improved engineering documentation and collaboration with design.

PixelMEDIA | Portsmouth, NH
Support Engineer | 2015 – 2017

- Maintained and enhanced client websites using various PHP CMSs (Drupal, WordPress, ProcessWire) and ecommerce platforms (Magento, BigCommerce, Shopify).
- Worked with clients to analyze business needs and provide technical solutions.
- Implemented UX and performance improvements, and ensured responsive design and cross-browser compatibility for client applications and websites.

ZOLL Medical | Chelmsford, MA
Front End Engineer | 2013 – 2015

- Supported marketing team by maintaining corporate websites, microsites, and delivering digital marketing campaigns to support product launches.
- Developed emails, landing pages, and associate microsites in HubSpot.

Freelance Web Developer | Remote
Web Developer | 2012 – Present (part-time)

- Built and maintained websites for small businesses using WordPress, Squarespace, and custom solutions, delivering responsive, cross-browser designs and ongoing technical support.

EDUCATION

- **Certificate in Web Development**, University of New Hampshire
- **M.A. Anthropology**, California State University, East Bay
- **B.A. Anthropology**, University of Massachusetts, Boston