Drew M. Bailey

Frontend Engineer | React, TypeScript, Node.js | 12+ Years Experience

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CAPABILITIES

- Frontend-focused engineer skilled in building scalable, maintainable React applications across enterprise and client environments.
- Experienced integrating emerging technologies such as generative AI into production systems.
- Committed to accessible, user-centered design (WCAG standards) and cross-functional collaboration with designers and stakeholders.
- Adept at maintaining secure, compliance-driven systems, including healthcare applications under HIPAA.
- Proactive team member and mentor who improves processes, fosters collaboration, and drives technical excellence.

Technical Skills

- **Languages & Frameworks:** React, TypeScript, JavaScript (ES6+), Redux, Node.js, PHP (Laravel, CodeIgniter), Python, Java
- **Frontend:** Responsive design, accessibility (WCAG 2.1), performance optimization, cross-browser compatibility, SEO best practices
- **Backend & Data:** REST / GraphQL APIs, MySQL, PostgreSQL, CI/CD pipelines, containerized deployment familiarity
- **CMS & Platforms:** WordPress, Drupal, Magento, BigCommerce, Shopify, HubSpot
- **Tools & Workflow:** Git, Jira, Agile/Scrum, Docker, VS Code, AI-assisted development (GitHub Copilot, ChatGPT, Cursor)
- **Soft Skills:** Clear communicator with a background in journalism; experienced translating technical details for non-technical stakeholders

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EXPERIENCE

Oracle | Remote
UI Engineer | 2022 – 2025

- Developed and maintained and updated a sophisticated React-based console for Oracle Cloud.
- Acted as tech lead on feature development and DevOps improvement projects and served as Scrum Master, facilitating agile development and sprint planning.
- 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.

Accomplishments

- Integrated generative AI into the console customer service chat.

- Contributed to a major refactor of the console UI into a more modular and maintainable configuration-based system.
- Updated release infrastructure to decrease deployment times and improve reliability.
- Improved team processes to streamline development and reduce response time to customer issues.

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.

Accomplishments

- Built a custom component-based system to streamline website development.
- Championed adoption of consistent coding standards and improved engineering documentation and collaboration with design.
- Contributed to a project estimation matrix for improved scoping accuracy.

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, ensuring 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 supported websites for small businesses using WordPress, Squarespace, and custom solutions, delivering responsive, cross-browser designs and providing 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