

Peter Burdette

Senior Software Engineer

804-397-0951
peterburdette@gmail.com
Richmond, VA

Summary

Senior software engineer with 10+ years of experience building and scaling production-grade web platforms for enterprise clients across financial services, energy, and hospitality sectors. Specializes in React, TypeScript, and Next.js with a track record of delivering large-scale, accessible, user-facing applications serving millions of end users. Experienced in frontend architecture, design systems, web performance optimization, and cross-functional collaboration with design, product, and engineering stakeholders. Proven ability to lead development teams and apply AI-assisted tooling to accelerate delivery in Agile environments.

Technical Skills

- **Languages:** JavaScript, TypeScript, HTML5, CSS3/SASS, Python, PHP
 - **Frameworks:** React, Next.js, Angular, Node.js
 - **Libraries:** Redux/Redux Toolkit, Axios, Lodash, Material-UI, Tailwind CSS, Bootstrap
 - **Platforms:** MongoDB, Wordpress, Salesforce
 - **Testing:** Jest, React Testing Library
 - **Tools:** NPM, Git, GitHub, Azure DevOps, Docker, Postman, Swagger
 - **AI Tools:** Cursor, GitHub Copilot, ChatGPT, Claude
 - **Methodologies:** Agile, Scrum, TDD, CI/CD
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Professional Experience

Manager (Individual Contributor/Tech Lead) | CapTech Consulting

October 2021 – Present | Richmond, VA

- Delivered responsive, user-centric applications using React, Next.js, and Angular for Fortune 100 clients across financial services, energy, and hospitality sectors, including a customer-facing platform serving tens of millions of users and an internal component library of 20+ reusable components supporting 10,000+ users.
- Architected scalable front-end solutions with an emphasis on modularity, reusability, and long-term maintainability across large, complex codebases.
- Integrated with cloud-hosted REST APIs across Azure and AWS environments, leveraging Postman and Swagger for contract validation and testing development workflows.
- Fostered collaboration and knowledge sharing within teams by conducting code reviews, mentoring a team of two junior developers, and introducing coding best practices.
- Utilized AI-assisted development tools (Cursor, GitHub Copilot, ChatGPT, Claude) to accelerate code generation, debugging, and refactoring workflows.

- Leveraged Azure DevOps for CI/CD pipelines, automating build and deployment processes across Webpack-configured React applications, and managing code reviews and repository hosting for streamlined and reliable releases.
- Collaborated with product managers and designers to create modern, responsive interfaces that align with business goals and improve user engagement.
- Ensured WCAG 2.1 compliance across enterprise client applications, conducting accessibility audits and implementing keyboard navigation, ARIA labeling, and screen reader support.

Front-End Developer | Virginia Commonwealth University

July 2019 – October 2021 | Richmond, VA

- Modernized legacy systems by using React, C#/Blazor, and HTML/CSS to build accessible web platforms and improve departmental efficiency and user experience.
- Spearheaded the creation of a unified design system for university web services while ensuring consistency in branding and usability across different sites.
- Led the development of cross-browser compatible and accessible web applications, adhering to WCAG standards to improve the digital experience for all users.
- Ensured stability of cross-departmental web platforms by leading bug triage and pre-release QA for high-traffic applications.

Web Developer | Estes Express Lines

July 2014 – July 2019 | Richmond, VA

- Led the design and development of scalable, user-friendly web applications ranging from internal tools to customer-facing platforms using PHP, JavaScript, and third-party APIs (Freshdesk, Teamwork) to support business operations and enhance user experiences.
- Ensured cross-browser compatibility and maintained high performance standards across all web properties.
- Collaborated with stakeholders and cross-functional teams to gather requirements, present findings, and deliver user-focused solutions aligned with business goals.
- Supported application releases by conducting QA testing and resolving pre-launch issues to ensure smooth and stable deployments.

Education

Bachelor of Science in Computer & Information Science

ECPI University – Richmond, VA

Certifications:

- Adobe Certified Associate in Visual Communication using Adobe Photoshop
 - Internet & Computing Core Certification (IC3)
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Professional Links

- [Personal Site](#)
- [GitHub](#)
- [LinkedIn](#)

References

Available upon request.