JASON HORNBUCKLE

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UI ENGINEER / SENIOR FRONT-END ENGINEER

Senior UI Engineer with 14+ years of experience designing and delivering enterprise web applications, with deep expertise in Angular, TypeScript, and RxJS, and hands-on experience building modern applications with React and modern front-end architecture. Experienced building data-intensive dashboards, reusable component libraries, and scalable UI platforms in financial services and consulting environments. Leverages AI-assisted development tools when appropriate, including GitHub Copilot, Claude Code, Cursor, Windsurf, and ChatGPT to accelerate delivery, improve code quality, modernize legacy systems, and increase developer productivity. Strong collaborator, mentor, and problem solver with a track record of taking end-to-end ownership of complex UI initiatives from design through implementation and delivery, translating business requirements and UI/UX designs into intuitive user experiences.

CORE TECHNOLOGIES

Angular, React, TypeScript, JavaScript, HTML5, CSS3, Tailwind CSS, RxJS, NgRx, Angular Material, Bootstrap, AG Grid, Highcharts, AMCharts, REST APIs, Component Libraries, Responsive Design, Web Accessibility (WCAG), Test-Driven Development (TDD), SVG, Jasmine, Karma, Jest, Git, GitHub, GitLab, VS Code, Cursor, Windsurf, Claude Code, GitHub Copilot, ChatGPT, Agile Development

EXPERIENCE

Eliassen Group (Consultant) – Client: BNY, New York, NY **4/2025 – 7/2026**

Senior Front-End Developer

Developed and enhanced UI features supporting critical deal management workflows within Corporate Trust, enabling efficient processing and visibility into complex financial transactions.

- Leveraged AI-assisted development tools (Windsurf, GitHub Copilot, Cursor, Claude Code) to accelerate feature development, debugging, and large-scale refactoring of legacy Angular applications.
- Modernized legacy UI architecture using test-driven development (TDD) while improving component design, maintainability, readability, and performance.
- Built a performant chat widget from scratch using React, Tailwind CSS, shadcn/ui, and Zustand for state management, architecting it as a Web Component so it could be embedded in applications regardless of their front-end technology stack.
- Created reusable UI patterns and shared components that improved consistency and reduced duplicate development effort.

BNY, New York, NY **5/2019 – 11/2024**

Senior Front-End Developer

Led UI architecture and implementation for data-intensive treasury and risk-management dashboards used by internal and external financial stakeholders.

- Built custom UI component libraries which were adopted across multiple projects greatly reducing development time and keeping styling consistent for the department's brand.
- Mentored new hires with little to no UI experience leading them to become quality contributors to our projects increasing department productivity.
- Enhanced and maintained an existing React application based on Turnilo, implementing UI changes for interactive multidimensional data exploration and visualization.
- Devised custom ag-grid interactions and headers dramatically increasing user engagement.

Techolution, New York, NY **9/2015 – 5/2019**
Senior Front-End Developer
Senior and Lead UI developer providing UI development services to various clients.

- Developed interactive and data-intensive grids which enhanced risk monitoring capabilities and enabled more efficient and accurate decision-making.
- Architected and led the development of a learning platform used for internal training that helped employees learn new skills, increasing their productivity and value.
- Collaborated on the development of a remote desktop application for Revolution Retail Systems that provided real-time status updates for POS systems, improving system monitoring and issue resolution efficiency.
- Spearheaded the creation of a global search portal for Harper Collins, delivering a high-performance, responsive design that enhanced user accessibility and search functionality across multiple platforms.

Vega Technologies, New York, NY **10/2013 – 9/2015**
Front End Consulting | Front-End Developer
Owner and Lead UI developer
Modernized a legacy Visual Basic application by transforming it into a cutting-edge JavaScript/HTML5 web application, enhancing usability, system performance, and expandability.

- Guided multiple teams in adopting best practices leading to UI consistency, design cohesion, and improved user experience across projects.

InRhythm, New York, NY **9/2012 – 9/2013**
Associate Front-End Developer
Worked in agile consulting firm building modern software solutions.

- Contributed to the migration of a Backbone-based site for Hertz into a hybrid mobile app using Cordova and KendoUI, expanding platform accessibility and functionality.
- Developed responsive web pages using jQuery and Bootstrap for SpaFinder, seamlessly integrating with the Zend framework to ensure optimal performance and compatibility across mobile devices.
- Designed and implemented mobile-optimized web pages (Integrative Nutrition), leveraging CSS3 and Bootstrap to create responsive, user-friendly layouts that enhanced the mobile user experience.

ADDITIONAL RELEVANT EXPERIENCE

Gallery Systems, New York, NY
Front-End Developer
Revolutionized the display of ancient Chinese calligraphy by creating a modern interactive web application with deep zooming capabilities allowing scholars to collaborate and non-academics to learn.

EDUCATION

Bachelor of Science, B.S, Biology, University of Kansas, Lawrence, KS

CERTIFICATION

Certificate in Web Development, New York University School of Continuing Education, New York, NY