

Bryce Kennedy

Senior UX Engineer | Senior Front-End Engineer | Design Systems & Platform Engineering

Keller, TX | kennedybryce2@gmail.com

Portfolio: <https://bryce-kennedy.com>

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PROFESSIONAL SUMMARY

Senior UX Engineer and Front-End Engineer with 15+ years of experience designing, developing, and maintaining enterprise-scale web applications, internal platforms, and digital display systems. Expertise in Angular, React, Next.js, and component-based UI architecture, with a strong focus on usability, accessibility, and design systems. Proven leader in mentoring developers, collaborating with cross-functional teams, and delivering scalable, maintainable front-end solutions. Experienced with AI-assisted development tools, Agile workflows, and CI/CD-aligned engineering practices.

CORE SKILLS

Front-End Development: Angular, React, Next.js, JavaScript, TypeScript, HTML5, CSS3, SCSS

UX Engineering & Design Systems: Design systems, UI component libraries, usability, accessibility (WCAG)

Platforms & Frameworks: Unily, Jive, Google Flutter

Development Practices: Agile/Scrum, CI/CD workflows, AI-assisted development (GitHub Copilot, Claude)

Leadership & Collaboration: Mentorship, interviewing, onboarding, cross-functional collaboration

PROFESSIONAL EXPERIENCE

American Airlines — Fort Worth, TX

Senior UX Engineer / Senior Front-End Engineer

November 2011 – December 2025

- Led front-end development and UX engineering for multiple enterprise internal web applications supporting a large, distributed employee population.
- Designed, developed, and maintained scalable UI architectures using Angular, React, and Next.js with an emphasis on usability, accessibility, and performance.
- Played a key role in the launch and evolution of employee portal platforms on Jive and Unily, including extensive UI customization and platform integrations.
- Designed and built Angular-based federated modules and reusable front-end components to support shared UI systems across teams.
- Architected and maintained a large-scale digital signage and display platform supporting real-time content delivery across large-format displays, touchscreens, and monitors.
- Built and launched a cross-platform mobile application using Google Flutter for internal communications and flight-related data.
- Contributed to the creation and adoption of design systems, UI toolkits, and component libraries used by multiple development teams.

- Collaborated closely with backend developers, UX designers, and platform administrators to deliver integrated, accessible, and maintainable solutions.
- Participated in technical interviews and onboarding of new hires, helping assess front-end and UX competencies.
- Mentored junior developers and interns through the ADEPT college placement program, providing technical guidance and professional development support.
- Leveraged AI-assisted development tools to improve development efficiency, testing coverage, and CI/CD alignment.

ADDITIONAL EXPERIENCE

Verizon — Irving, TX

Front-End Developer | January 2015 – June 2015

- Rapidly prototyped web applications using Bootstrap and jQuery.
- Built interfaces for real-time data applications using jQuery and D3.js.
- Developed reusable boilerplate templates to standardize front-end development.

Boy Scouts of America — Irving, TX

Technical Communication Web Specialist / Web Designer / Graphic Designer

May 2007 – November 2011

- Created wireframes, high-fidelity mockups, and functional prototypes for web and mobile applications.
- Designed and maintained internal documentation and support systems blending technical writing with UX-focused information architecture.
- Led redesign efforts for the main recruiting website including visual design and HTML/CSS implementation.
- Provided CMS training and support for content contributors.

EARLIER EXPERIENCE

ViewCast Corporation — Graphic Designer / Technical Writer

Tarrant County College — Technical Writer (Contract)

Pilgrim's Pride Corporation — Technical Writer / Technical Illustrator

University of North Texas — Technical Writing Instructor

EDUCATION

Master of Arts, Technical & Persuasive Writing — University of North Texas

Bachelor of Arts, English — The Citadel