
KYLE FOOTE

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PROFESSIONAL SUMMARY

Senior Frontend Engineer with 18 years of experience building interactive web applications and browser-based experiences for major consumer brands including PBS Kids, Disney, Marvel, Paramount/Noggin, and Pokémon.

Specialized in HTML5 canvas technologies, frontend architecture, rendering optimization, reusable systems, and cross-platform browser/mobile development. Experienced technical lead with a strong background in performance-critical frontend applications, tooling workflows, and mentoring developers across interactive production environments.

EXPERIENCE

Lead HTML5 Game Developer

CURIOUS MEDIA INC | REMOTE | 2015 - PRESENT

- Led development of browser-based educational games and interactive applications for clients including PBS Kids, Disney, Paramount/Noggin, and Pokémon.
- Architected reusable HTML5 canvas application structures, internal tooling, and shared npm modules adopted across multiple production teams.
- Served as primary technical resource for rendering optimization, performance debugging, and cross-device compatibility challenges across web and hybrid mobile deployments.
- Developed applications using JavaScript, TypeScript, PixiJS, WebGL, Cordova, Node.js tooling, and custom asset pipeline workflows.
- Mentored and onboarded developers transitioning into browser-based application development and modern JavaScript workflows.
- Collaborated with project managers, designers, artists, and clients to deliver interactive products under aggressive production timelines.

HTML5 Game Developer

CURIOUS MEDIA INC | BOISE, ID | 2013 - 2015

- Led company transition from Flash development to modern HTML5 canvas technologies.
- Built browser-based educational and entertainment applications using JavaScript, CreateJS, PixiJS, and reusable internal frameworks.
- Established frontend development patterns and workflows used across multiple projects.
- Worked closely with artists, designers, and developers to deliver experiences for entertainment and educational brands.

Flash Developer

CURIOUS MEDIA INC | BOISE, ID | 2008 - 2013

- Developed interactive Flash experiences, games, and promotional applications for entertainment and marketing clients.
- Built animation-heavy browser experiences focused on user interaction and engagement.

SKILLS

Frontend Technologies

JavaScript | TypeScript | HTML5 | CSS | React | Vue.js | Cordova

Rendering & Interactive Systems

PixiJS | CreateJS | WebGL | HTML5 Canvas | Web Audio API | GSAP

Game & Physics Systems

Phaser | Box2D | PlanckJS | MatterJS

Tooling & Workflow

Node.js | npm | Webpack | Babel | Git | Jira

Creative Tools

Spine | Adobe Animate | Photoshop | Illustrator | Figma

Specialization

Browser Performance Optimization | Rendering Systems | Frontend Architecture | Cross-Platform Browser/Mobile Development | Technical Leadership