**Crawford Forbes**
Tucson, AZ | crawford.forbes@gmail.com | Portfolio: https://crawfordforbes.com

**Senior Front-End Developer / JavaScript Engineer**
Creative front-end engineer with 10+ years of experience building performant, accessible, and visually rich web applications. Deep expertise in JavaScript and modern web ecosystems, supported by a strong understanding of architecture, data flow, and UI engineering. Passionate about clean, maintainable code and systems that scale.

**Technical Skills**
**Languages:** JavaScript (ES6+), TypeScript, HTML5, CSS3, PHP, SQL
**Frameworks:** React, React Router, Redux, Node.js, Express
**Tools:** Vite, Webpack, Babel, npm, Git/GitHub, GraphQL (client-side usage), Cloudinary, Stripe, Docker & Kubernetes (development environment usage), CI/CD
**Specialties:** UI Engineering, Responsive Design, API Integration, Web Performance, CMS/CRM Integration, SSR Concepts, Technical Mentorship

**Professional Experience**
**Simpleview (a Granicus company) – Tucson, AZ**
*Team Lead / Web Developer* | Jul 2018 – Aug 2025
• Led development for 30+ large-scale, customer-facing websites annually; oversaw architecture, scope, and delivery.
• Drove workflow improvements that reduced build times by ~30%.
• Built and customized interactive widgets such as maps, booking tools, sliders, and event systems.
• Integrated GraphQL APIs and optimized data-driven pages for performance.
• Refactored components for performance, reusability, and maintainability on high-traffic destination sites using modern optimization techniques.
• Led builds for award-winning projects including Visit Wyoming, Visit Mackinac Island, and Travel Santa Ana.
• Mentored developers in front-end fundamentals and modern JavaScript workflows.
• Collaborated cross-functionally with design and PM teams to define technical constraints, estimate timelines, and ensure high-quality delivery.

**Great Scott Design – Tucson, AZ**
*Web Developer* | Aug 2017 – Jul 2018
• Developed WordPress and WooCommerce sites with responsive, secure custom themes.
• Built dynamic PHP features and optimized legacy sites for modern browsers.

**Elegant Thought – Tucson, AZ**
*Front-End Developer* | Sep 2015 – Jun 2017
• Developed SPAs for PwC using React, Redux, Webpack, and Highcharts.
• Architected MoneyTree Explorer, a financial data visualization and export tool.
• Created dashboards integrating survey data and analytics APIs via PHP backends.

**Freelance / Personal Projects**
*Front-End Developer* | 2015 – Present
• **sunshinenights.com** – Full-stack JS + Sinatra site featuring a custom CMS and secure authentication.
• **Portfolio Site (2024–Present)** – Greenfield app built with React, TypeScript, and Vite; features optimized media pipelines, dynamic routing, interactive widgets, and an evolving design system.

**Education**
B.A. in Music – Susquehanna University, Selinsgrove, PA