James Sartelle

Full-stack engineer with over 10 years of experience, with a focus on front-end. I'm passionate about user experience, accessibility, and making software feel delightful!

📍 Oklahoma City, OK   📞 980-622-9704   ✉ jamessartelle@me.com

⚇ jsartelle   ⎙ james-sartelle

Languages

HTML5	CSS	Sass
JavaScript	TypeScript	MySQL
Shell	Swift	

Frameworks

React — Next.js	React Native — Expo	Vue — Nuxt
Svelte — SvelteKit	Tailwind	Jest

Experience

Extra Card

January 2022 – June 2024   Remote
Senior Full Stack Engineer

- Worked on teams ranging from 4 to 30+ engineers. Consistently met tight deadlines, including mid-sprint scope changes and P0 issues. Skilled at communicating engineering specs to product managers in non-technical terms.

- Lead engineer for the Extra web signup funnel, built with **Nuxt**. Regularly updated the funnel to keep up with business requirements. Made major performance and accessibility improvements across the entire funnel and landing pages. Implemented **TypeScript**, and started migration from Nuxt 2 to 3.
- Made significant contributions to Extra's API, built on **Node** and **Express** using TypeScript and **Objection ORM**. Wrote unit tests using **Jest**. Led design and implementation on a new API service for a planned product launch.
- Implemented new screens in Extra's iOS and Android app, built with **React Native** and **Expo**.
- Developed a new funnel prototype using **Next.js** and **React Native Web**, deployed on AWS Serverless. Contributed to design of a new microservice architecture for the backend.
- Designed and implemented **MySQL** database schemas to support new features, and wrote complex SQL queries to diagnose bugs and answer questions from product and marketing teams.
- Tracked application performance and user experience using **Datadog** dashboards, alerting, and Real User Monitoring, and **Sentry** error tracking.

Digichief

May 2018 – March 2024   Remote
Freelance Web Developer

- Built over 50 digital signage apps in vanilla **HTML5, CSS, and JavaScript**, helping Digichief leverage their content feeds into a full digital signage platform. Translated mockups into responsive layouts, optimized for strict network and memory usage limits.

Mood Media

June 2016 – January 2022   Fort Mill, SC
Senior Web Developer, Visuals

- Created 1000+ digital signage displays using vanilla **HTML5, CSS, and JavaScript**. Heavy use of CSS and JavaScript animation, and data fetching from APIs. Optimized performance for fast startup on low-powered media players.
- Developed interactive touch applications using **Vue** for international brands including Dyson, Ferrari, and Bridgestone. Coordinated with clients and other developers to ensure strict deadlines were met and to resist scope creep.
- Built server applications using **Node.js** to process data for digital signage use, including integration with third party APIs like Facebook and Twitter.
- Documented Mood's platform and APIs for both internal and external users. Mentored and directed junior developers remotely.

Charles Schwab

August 2015 – June 2016   Charlotte, NC
Developer, Schwab Retirement Technologies

- Helped launch Schwab's consumer-facing retirement plan dashboard, including front-end components using Angular and back-end controllers using TypeScript.
- Designed and implemented an automated email service, including SQL scripts and stored procedures, and back-end code in C# using ASP.NET.
- Wrote extensive unit tests for front-end code using Jasmine and Sinon, and for back-end code using Moq.
- Followed agile development principles including daily standups, two-week sprints, story pointing, and retrospectives.

Education

The University of North Carolina at Charlotte

May 2015   Charlotte, NC
Bachelor of Science, Cum Laude, Computer Science   GPA: 3.689 / 4.0