




About Me





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

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Skills

Languages


 HTML5


 CSS


 Sass

 JavaScript


 TypeScript


 MySQL


 Shell


 Swift


Frameworks


 React
Next.js

 React Native
Expo

 Vue
Nuxt

 Svelte
SvelteKit

 Tailwind

 Jest

History

Experience

[Extra Card](#)

January 2022 – June 2024Remote

Senior Full Stack Engineer

- Worked on teams ranging from 4 to 30+ engineers. Consistently met tight deadlines and adapted to mid-sprint scope changes. Skilled at explaining technical details to PMs and leadership.
- Lead engineer for the Extra web signup funnel, built with **Vue** and **Nuxt**. Implemented **TypeScript** across the codebase. Regularly updated to meet evolving business requirements and increase conversion rates. Increased Lighthouse

performance score by 20+ points, and improved accessibility. Managed analytics and tracking through Google Tag Manager, Segment, and Rudderstack.

- Developed database schemas, API endpoints and controllers, and UI flows for the *Extra Match* cross-sell feature, a PO initiative which successfully launched in Q2 2024.
- Contributed heavily to Extra's API, built on **Node** and **Express** using TypeScript and Objection ORM. Integrated with third-party service providers like Equifax. Wrote unit tests using **Jest**.
- Implemented new features in Extra's iOS and Android app, built with **React Native** and Expo. Led internal testing sessions and monitored staged rollouts.
- Developed a new funnel prototype using **Next.js** and **React Native Web**, deployed on AWS Serverless. Helped design a new microservice architecture for the backend.
- Designed and implemented **MySQL** database schemas to support new features. Wrote complex SQL queries to diagnose bugs and assist with data analysis.
- Tracked application performance and user frustration 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 offering. 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+ pieces of digital signage content using vanilla **HTML5, CSS, and JavaScript**. Made heavy use of CSS and JavaScript animation, and data fetching with local caching. Optimized for fast startup and smooth performance on low-powered media players.
- Developed interactive touch kiosks 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 in Angular and back-end controllers in 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 practices including daily standups, two-week sprints, story pointing, and retrospectives.

Education

The University of North Carolina at Charlotte

May 2015

Bachelor of Science, Cum Laude, Computer Science

Charlotte, NC
GPA: 3.689 / 4.0