

# Jason Bacchetta

FULL-STACK SOFTWARE ENGINEER

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## SKILLS

**Mastery:** JavaScript, HTML, CSS, CSS-in-JS, React, Redux, Next, Lodash, NPM, REST, ESLint, Cocos2d-JS, VSCode

**Proficiency:** Node, Express, TypeScript, Webpack, Jest, Cypress, Sentry, Git, Sass, Ant Design, WebSockets

**Familiarity:** Regex, SQL, NoSQL, AWS, D3, Photoshop, ImageMagick, Camtasia

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## EXPERIENCE

**Classworks** | *Student-teacher web app that enables standards-based curriculum taught in digital classrooms.*

Lead Software Engineer

2018 – Present

- Led front-end development on multiple greenfield projects and redefined the tech stack with React, Redux, Next, CSS Modules, JavaScript, TypeScript, and Webpack, delivering highly-performant, visually-stunning interfaces.
- Worked with DevOps and backend teams to ensure that endpoints and AWS were setup for complex feature sets, such as concurrent multi-user admin authentication and real-time multimedia messaging.
- Crafted documentation, mentored developers, employed error tracking and pre-commit hooks, and generated unit, end-to-end, and visual regression tests using Cypress and Jest, ensuring the stability of the codebase.

Senior Software Engineer

2016 – 2018

- Leveraged a variety of cutting-edge technologies including WebSockets, MediaStream API, Selection API, Web Audio API, and the Canvas API, producing interactive user experiences with a profound impact.
- Converted hundreds of Flash games over to JavaScript using the cross-platform Cocos2d-JS framework, resulting in a dramatically improved user experience that takes advantage of HTML5.
- Open-sourced an IntelliSense-enabled NPM package and collaborated remotely in an Agile, Scrum environment, allowing for frequent inspection and streamlined adaptation.

**Quotery** | *Thought-provoking web app that encourages users to explore, collect, and share their favorite quotes.*

Founding CTO

2014 – 2018

- Architected a progressive web app with Node, Express, React, Redux, Next, and the WordPress REST API, facilitating a scalable, SEO-friendly framework that has won UI, UX, and mobile excellence awards.
- Utilized advanced techniques including universal rendering, code-splitting, static and dynamic prefetching, service workers, and virtualized lazy-loading, allowing for instant load times and offline capabilities.
- Automated the build and deployment process using Webpack, NPM scripts, GitHub, Cloudflare, and AWS Lightsail, increasing productivity while boosting site performance by over 40%.
- Implemented a growth hacking strategy, resulting in over 100K Facebook fans, 50K Twitter followers, 12M visitors, and features in WebbyAwards, Entrepreneur, The Reader's Nook, and Adweek, among many others.

**DigiQ** | *Startup-focused digital agency specializing in product development and consulting.*

Marketing Technologist

2008 – 2014

- Spearheaded brand development through SEO, social media marketing, and web design to produce authoritative websites that are frequented by millions of users worldwide.
- Collaborated with clients, optimizing their content strategy, monetization, and analytics to boost web traffic and social media activity by an average of 700%.
- Conceptualized an online magazine from the ground up, reaching 4M pageviews and \$9K revenue per month before the site was acquired one year after launch.

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## EDUCATION

**Hack Reactor** | *Advanced Software Engineering Immersion Program*

2015 – 2016

**Tarrant County College** | *Associate of Arts (A.A.)*

2002 – 2004