

Andrew Smith

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Senior Software and Front-End Engineer

In-depth technical knowledge with expertise in front-end technologies and a high level of proficiency in full stack tools.

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Demonstrated success driving software and front-end development as a strategic planner, problem solver, and collaborative technical expert. Adept at driving results in JavaScript and React ecosystems, supporting communities of developers, and mentoring developers. **Over 10 years** of full stack development experience with a passion for continuous professional development.

TECHNICAL PROFICIENCIES

Languages: JavaScript, TypeScript, C#, Node.js, Groovy, SQL

Practices: TDD, SOLID, Pair-Programming, XP / Kanban / Scrum

Technologies: React, Redux, Webpack, Babel AST, CSS-in-JS, LESS, SCSS, Jest, Mocha, Cypress, Git, Bash, RESTful APIs, GraphQL, Docker, Kubernetes

Other: **6 years in React** Ecosystem, Component Library Implementations, Front-End Tooling and Best Practices, Unit and E2E Test Automation, One-Way Data-Flow Architecture

Community: Speaker, Community Mentor, React Meetup Organizer, Hacktoberfest Participant
Contributed to Gatsby, Glamorous, VS Code Grammarly, VersionOne JavaScript SDK, VersionOne Component Library, Coder Dojo Lessons

PROFESSIONAL EXPERIENCE

Lead Front-End Engineer (June 2019 – Present)

Experience, LLC (Remote)

React, Redux, Jest, Cypress, Groovy, Grails, Microservices, Node.js, Git, Bash, Scrum, Postgres.

Oversee all aspects of front-end and Java development as a leader in code review, ongoing process improvements, and mentorship of Front-End Engineers. Create and refine features in mobile web applications, improve code quality and design consistency, and collaborate with technical and cross-functional teams.

Key Achievements:

- Facilitate collaboration (UX and Engineering) through creating a design language and component library.
- Champion significant reductions in development time through implementation of in-person code reviews.
- Significantly decrease missed requirements through instituting “Three Amigos.”
- Improve release confidence through technical insights, guidance, and leadership of staff to create E2E tests.
- Accelerate developer productivity through real-time test coverage for front-end features.

Senior Software Engineer (October 2019– April 2020)

Cypress.io (Remote)

React, TypeScript, Git, Bash, Apollo/GraphQL, Postgres.

Strategically drove development of features as a key team leader on an open source Cypress browser test runner. Oversaw the modernization of mono-repo via workspaces, streamlined and improved team processes, and led interviews for the Engineering and Product teams to gather requirements and feedback.

Senior Software Engineer (September 2014 – June 2019)**VersionOne/CollabNet (Remote)**

React, Redux, Backbone.js, Mocha, C#, MVC.NET, NUnit, Git, Bash, LESS, Node.js, XP, Kanban, SQL Server.

Led software development lifecycles as a collaborative and community-minded software developer and engineer. Drove road mapping, timesheets, filtering, and the adoption of a React/Redux stack for developing features across 4 teams. Directed best practices in React/Redux implementations, migration of custom JavaScript modules to ES modules, and introduction of component-level unit testing.

Key Achievements:

- Feature Lead for a high-profile set of features across flagship Agile Lifecycle Management (ALM) product, VersionOne Lifecycle: Roadmapping, Timesheets, Filtering.
- Championed a comprehensive refactoring initiative to modernize JavaScript codebase for ES modules.
- Pioneered the adoption and implementation of React ecosystem, increasing overall development speed, quality and performance of new features across 4 development teams.
- Owned JavaScript SDK development that enabled high impact third party integrations driving many internal business processes of Fortune 500 companies.
- Streamlined processes between UX and Engineering through the creation of component library and design language documentation.
- Reduced front-end complexity by eliminating 90% of Backbone.js from codebase.
- Promoted cultural shift to adopt TDD for client-side features and the adoption of Wallaby.js.

Senior Software Engineer (February 2013 – September 2014)**MATRIX Resources, Professional Services (Remote)**

C#, MVC.NET, Web API, React, JavaScript, Durandal, jQuery, LESS, SASS, Git, SQL Server, RavenDB, Scrum.

Drove development lifecycles and developer performance as a consultant focused on coordinating with major clients to create custom applications and training. Created and launched a fellowship program, mentored developers, trained clients on TDD and BDD, and developed vital UI standards between UX and engineering.

Software Engineer (September 2012 – February 2013)**M*Modal**

C#, MVC.NET, WCF, N-tier architecture, JavaScript, Knockout, KendoUI, jQuery, LESS, Mercurial, SQL Server.

Excelled in a position focused on delivering Fluency for Coding, a medical coding and billing web application. Drove unit testing and single-page application feature sets, coordinated with technical and business teams, and ensured on time deliverables.

Additional Experience:**Web Application Developer** – RESPONSE MINE INTERACTIVE**Senior Software Engineer** – DAXKO**Software Engineer** – MEDSEEK**Software Engineer 3** – INTERMARK GROUP**Adjunct Faculty** – COLUMBUS TECHNICAL COLLEGE

EDUCATION AND TRAINING

Bachelor of Science in Computer Science
Columbus State University, Columbus, Georgia