

Ryan Schmidt

Seattle, WA | P: +1 972-330-7754 | rdschmidt88@gmail.com | [linkedin.com/in/rdschmidt88](https://www.linkedin.com/in/rdschmidt88)

SENIOR SOFTWARE ENGINEER | FRONT END SPECIALIST

Frontend engineer with 7+ years of experience building enterprise applications, specializing in complex data visualization and high-performance web platforms.

TECHNICAL EXPERTISE

- **React Stack:** React.js, TypeScript, Redux, React Query, React Router, React Hooks, Context API
- **Testing:** React Testing Library, Jest, Cypress
- **Frontend:** JavaScript (ES6+), HTML5, CSS3, Webpack, Babel, Tailwind CSS
- **Visualization:** D3.js, WebGL, Mapbox GL
- **Other:** RESTful APIs, C#, SQL, Azure, AWS S3, Git

PROFESSIONAL EXPERIENCE

General Motors | Austin, TX (June 2017 – Sept 2024)

Senior Front End Developer

Led development of React applications serving 500+ engineers, focusing on performance optimization and data visualization.

Key Projects:

- **Application Development**
 - Led migration from Angular to React architecture
 - Built real-time analytics dashboard using React, TypeScript, and D3.js
 - Developed reusable React component library used across multiple applications
 - Reduced bundle size 40% through code splitting and React optimization techniques
- **Performance & Architecture**
 - Implemented React code splitting and lazy loading strategies
 - Built custom React hooks for shared state management
 - Created efficient data visualization components using React with D3.js
 - Integrated REST APIs with React Query for optimized data fetching
- **Team Leadership**
 - Mentored 5+ developers in React best practices and testing
 - Established React development standards and component patterns
 - Led code reviews and architectural discussions

Southwest Research Institute | San Antonio, TX (June 2016 – Sept 2016)

Data Analyst Intern

- Implemented security improvements in C#/.NET applications
- Developed ASP.NET web forms with focus on UI/UX and performance
- Conducted technical requirements gathering and stakeholder interviews

EDUCATION

TEXAS A&M UNIVERSITY

Bachelor of Business Administration - Management Information Systems
Cumulative GPA: 3.6 / 4.0

College Station, TX
Graduated May 2017