

Ryan Schmidt

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FRONTEND ENGINEER

Frontend engineer with 7+ years of experience developing enterprise Angular and React applications. Specialized in building data visualization tools, mapping platforms, and internal web applications. Strong focus on clean code, component reusability, and cross-team collaboration.

TECHNICAL EXPERTISE

- **Frontend:** Angular (2-16), React.js, TypeScript, JavaScript (ES6+), HTML5, CSS3
- **State Management:** Redux, React Query, Context API, React Router, RxJS
- **Data Visualization:** D3.js, Mapbox GL JS
- **Tools & Cloud:** Git, AWS S3, Azure DevOps, CI/CD, Webpack, Babel, Tailwind CSS

PROFESSIONAL EXPERIENCE

Frontend Developer | Microsoft (via Quadrant Technologies) | March 2025 – July 2025

Developed React-based user interfaces for Microsoft Purview data governance platform.

- Implemented complex dropdown components with role-based conditional logic for data governance workflows
- Built UI features enabling data governors to manage data lake permissions and metadata
- Collaborated with product teams and stakeholders on feature requirements

Frontend Developer | General Motors | June 2017 – September 2024

Developed internal web applications working primarily with Angular (6 years) before transitioning to React.

Key Projects:

- Built mapping visualization platform using Angular and Mapbox GL for processing geospatial data
- Developed real-time analytics dashboard with React, TypeScript, and D3.js for infrastructure monitoring
- Created file-sharing application with AWS S3 integration for internal geo file management
- Contributed to data visualization components across multiple internal tools

Technical Work:

- Integrated REST APIs connecting frontend applications to backend services
- Built reusable React and Angular components for data display and mapping features
- Worked with large geospatial datasets for visualization in web applications

Collaboration & Mentorship:

- Worked closely with UX designers to implement designs and refine user workflows
- Mentored junior developers on frontend development practices and testing
- Collaborated with backend developers on API integration and data structures

EDUCATION

TEXAS A&M UNIVERSITY | College Station, TX | Cumulative GPA: 3.6 / 4.0

Bachelor of Business Administration - Management Information Systems | Graduated May 2017