

# Tom Piere

[linkedin.com/in/tompierre](https://www.linkedin.com/in/tompierre) | [github.com/tpiere](https://github.com/tpiere) | [tompierre.com](http://tompierre.com) | 651.212.0206 | [tpiere@gmail.com](mailto:tpiere@gmail.com) | Seattle, WA

---

## TECHNICAL SKILLS

- **Proficient:** JavaScript, TypeScript, React, React Native, Node.js, C#, ASP.Net MVC, Java, jQuery, HTML5, CSS3, Sass, Less, Webpack, AWS (Lambda, DynamoDB, SNS, SQS), Jest, Enzyme, Karma, Jasmine, N-Unit, X-Unit, Git
  - **Exposure:** GraphQL, MySQL, AngularJS, Express, Jenkins CI, Spring, Serverless, Mobx State Tree
- 

## PROFESSIONAL EXPERIENCE

### uShip | Senior Software Engineer | Austin, TX

Feb 2017 - Apr 2020

- Integrated geospatial microservice for geolocation and route distance calculations using AWS DynamoDB, Serverless, TypeScript, and Jest, migrating functionality from monolith to cloud projected to improve development time by 2X.
- Built search result filtering fields for React Native mobile application with TypeScript, MobX State Tree, Storybook, Jest, and Karma, gaining further parity with online desktop filtering capabilities for 500,000+ mobile users.
- Updated uShip's Shopify import functionality to allow users to enter product weights in AWS (SQS, SNS), Serverless, TypeScript, Jest, GraphQL, and PostgreSQL, reducing manual weight entry time for products by over 90%.
- Crafted UI for managing networks of carriers using JavaScript, React, C#, ASP.NET MVC, Karma, Jasmine, Enzyme, and Sass, enabling account managers to administer carrier networks.
- Developed notifications UI using JavaScript, C#, ASP.NET, and Sass for carriers to see new and unacknowledged direct assignments from a broker or shipper.
- Built internal SDK for publishing events using AWS EventBridge, Serverless, GitHub Actions, npm, and OpenAPI Specification, providing standardized library and documentation for developers to publish and consume events.

### Dell | Senior Software Engineer | Round Rock, TX

Oct 2014 - Dec 2016

- Refactored UI for specifying payment methods using JavaScript, AngularJS, Jasmine, Less, C#, ASP.NET MVC, which simplified maintenance and reduced bugs by 50%.
- Implemented streaming responses through services to boost performance using RESTful APIs, C#, ASP.NET, and Profiling, reducing page load time for large payloads by around 30%.
- Updated and fixed side-by-side product configuration using JavaScript, AngularJS, Jasmine, and LESS, allowing users to configure similar products at once.
- Implemented service warranty renewals in JavaScript, AngularJS, Jasmine, LESS, C#, and ASP.NET MVC, enforcing date restrictions according to service warranty lifespans.

### Anthem (FKA Wellpoint) | Senior Software Engineer | Minnetonka, MN

Aug 2012 - Oct 2014

- Led UI development of provider finder using Java, Liferay, Spring MVC, jQuery, jQuery validate, and CSS3 allowing users to search for doctors and facilities regionally from a list of 1+ million entries.
- Created online chat and callback features allowing users to communicate with customer service representatives online using Java, Liferay, Spring MVC, JavaScript, jQuery, and CSS3.
- Refined registration process and added client side form validation to ensure correct data entry in Java, Liferay, Spring MVC, jQuery, jQuery validate, and CSS.

### Ameriprise Financial | Application Developer | Minneapolis, MN

Aug 2011 - Aug 2012

- Built quick transfer modal using Java, Liferay, JSP, JavaScript, HTML, and CSS, and allowing 500,000+ users to make one-time transfers from account details.

### Dow Jones | Application Developer | Minneapolis, MN

Apr 2011 - Aug 2011

- Engineered interactive chart on Wall Street Journal website using JavaScript, jQuery, Flash, and CSS allowing users to view metrics on a stock chart for technical analysis.

### Thomson Reuters | Senior Software Engineer | Eagan, MN

May 2006 - Apr 2011

- Developed personal annotations system for WestlawNext using C#, .NET MVC, JavaScript, and CSS allowing users to add notes and highlights to legal documents.
- 

## EDUCATION

**Bachelor of Science in Computer Science**, *University of Minnesota Twin Cities: Institute of Technology*

May 2006

---

## PROJECT WORK

**Spotify to YouTube Playlists** | **Software Developer** | [github.com/tpiere/ionic-app](https://github.com/tpiere/ionic-app)

Feb 2017

*Mobile platform to create YouTube playlists from their Spotify playlists utilizing Angular 2, Node.js, Spotify and YouTube APIs and OAuth.*