

# Tristan Bull

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## Software Engineer, Front End

*Enterprise Applications, Web Page Design, Automated Testing*

- **Front end specialist** with 3 years experience building with modern UI technologies such as javascript frameworks, styling web components, data-intensive UI's, and working with the browser.
- **Fast learner and keen problem solver** with a track record of ramping up quickly on projects and succeeding in fast-paced environments.
- **Strong background in testing** with a history of providing robust automated test coverage for web APIs and applications.

## Technologies

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HTML, CSS, JavaScript, TypeScript, React/Angular/Vue, Webpack, Node.js, Express.js, REST, GraphQL, PostgreSQL, Docker, Kubernetes, Jenkins, Jest, Postman, GitHub

## Work Experience

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### Qualtrics - Software Engineer (via Fuel Talent)

*Oct 2019 - Dec 31 2019*

- Completed 3 month assignment on the Platform/Dashboards Team.
- Took vague requirements and wrote ~150 integration tests for pre-existing REST APIs using a variety of test tools, such as Jest/Mocha/Chai.
- Worked on applications in a node.js environment using Javascript/TypeScript, Koa/Express.
- Ramped-up quickly on multiple code bases and product, worked with other engineers to clarify expected code functionality when necessary.
- Reported progress and blocking issues daily.

### Microsoft - Software Engineer (via Affirma)

*March 2018 – Oct 2019*

- Completed 18-month assignment on-site at Microsoft, working as a developer embedded within a large engineering team within the Microsoft Azure Core Data and Engineering organization.
- Shipped production code for a web app used to track the status of current/future iterations of Windows. The application allowed Microsoft stakeholders to create telemetry models to observe how users interact with aspects of Windows.
- Primary tech stack: React/MobX/TypeScript/Webpack/TsLint
- Took large parts of the application originally built in Angular 1.5 and re-built them using React/MobX, maintaining all original functionality.
- Took design/functional specs and built corresponding UI web components, coordinating with engineers at the service and data layers when necessary.
- Dealt with complex state management by building store classes that held application state and business logic, and passed that state down a deep React component hierarchy.
- Fetched large amounts of data asynchronously without blocking the UI.
- Adhered to React and MobX best practices.

### Glympse - Developer / Software Test Engineer

*Nov 2014 – Nov 2017*

- Helped build and maintain an internal support tool using Angular2/4, Webpack, and Typescript.

- Built web components in Angular that incorporated both application logic and corresponding view.
- Took specs from design team and built the UI for company support portal.
- Redesigned the business page of company website.
- Wrote scripts with JavaScript/Python that queried the APIs of our productivity tools, calculated specific KPIs, and emailed formatted results to stakeholders.
- Built and maintained REST API tests with Postman/Newman.
- Setup scripts to run continuously on Jenkins.
- Collaborated on projects with other developers (services, front-end, dev-ops).

## **Education**

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- Front End Developer Nanodegree - Udacity
- BA Economics – Western Washington University