

# Joel Reske

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Hi, I'm Joel – a creative problem solver and full stack engineer with a specialty on the frontend. Despite one year in the workforce, I have accumulated three additional years of experience via contracting and full-time rotational work. I'm looking for roles with a culture of ownership and creativity.

## Education

### Tufts University, Medford MA

Bachelor of Science in Computer Science (BSCS) in the School of Engineering  
Graduated May 2019 - GPA: 3.55

## Work Experience

### M.Gemi

Full Stack Engineer  
October 2019 - Current

**Key Skills:** [Shopify](#), [ReactJS](#), [PostgreSQL](#), [Jenkins](#), [Google Analytics](#), [NodeJS](#), [Redis](#)

- Sped up page load times by 20% across site by restructuring deployment and code splitting
- Build templating system to cut the time of page creation in half for merchandizing team
- Maintained data integrity and uptime on 2 person engineering team supporting 40m+ in revenue

### Betty

Full-Stack Engineer (Contracting)  
July 2018 – December 2019

**Key Skills:** [ReactJS](#), [Typescript](#), [NodeJS](#), [Redux](#), [Marketing Analytics](#)

- Architected constraint solving system for marketing planning and budget optimization
- Derived on-time, on-budget, with clear communication at every step while working remotely

### HomeGrow Community

Engineering Lead  
April 2018 – Jan 2019  
Startup for in-home gardening service

**Key Skills:** [ReactJS](#), [Serverless](#), [Management](#), [IoT](#), [Amazon](#), [PostgreSQL](#)

- Enabled gardener to service 5 times more gardens via automated watering and monitoring
- Enabled gardener to manage schedule and service plan via in-app scheduling
- Deployed serverless architecture, minimizing costs during growth. Led to est. \$10k savings.
- Finished MVP in 4 months by leading team in the scrum system
- Taught two junior developers React, Redux, and AWS basics

### HubSpot

Software Engineering Co-op  
June 2018 - December 2018

**Key Skills:** [ReactJS](#), [Redux](#), [RxJS](#), [Monitoring](#) + [Performance](#)

- Built a new app for managing all custom reports created in HubSpot

- Cut page load times by 50% on all team pages by optimizing ReactJS
- Built a library for permissions management used across the team
- Chosen by Co-op class to interview guest speakers

## Top 3 Relevant Side Projects

### ***Pomegranate***

Website for collaborative pomodoro timing - [app.pomgte.com](http://app.pomgte.com)

April 2018 – May 2018

**Key Skills:** ReactJS, GCP, Serverless, TypeORM

- In 3 weeks, ideated, designed, and built a full web app with max 50 DAU

### ***Raft / Chi***

A functional, typed programming language with a graph editor

November 2018 - Current

**Key Skills:** JavaScript, Functional Programming, Language Design

- Built a programming language and a graph editor
- Worked on a team of three across multiple repositories while working for HubSpot full-time
- Received high marks at poster presentation for Tufts Capstone
- Presented graph transformation techniques for Graph Theory professor

### ***Barbud***

A startup launching in 2018 for in-bar ordering of drinks from smartphone

August 2017 – May 2018

**Key Skills:** ReactJS, NodeJS, Express, React Native, Bookshelf, Stripe, Postgress

- Built a point of sale system for bartenders to use to view and manage ordered drinks
- Worked on team of three collaborative engineers
- Integrated with Stripe payment processing

## Other Skills and Experience

- I sing and was the business manager of the Tufts Beelzebubs, a nationally known acapella group
- I use Vim and Dvorak to be productive
- I design and prototype in Sketch/Figma
- I love writing, visual art, and producing music – ask me for a sample!