# Jonathan MacMillan

## SOFTWARE ENGINEER

## PERSONAL DETAILS

I am a full stack software developer who loves solving problems, making things work, and then making them work better. Because of my previous career as a Broadway actor and professional **dinosaur** I know the value of collaboration and unconventional solutions.

## HARD

HTML
CSS
JavaScript
React
Vue.js
Ruby on Rails
postgreSQL
Bootstrap
GitHub
PHP

## SOFT

Public speaking
Sales
Leadership
Creative Writing
Confident
Empathetic

## EVEN MORE PERSONAL DETAILS

I love craft cocktails, vegan food, board games and endurance sports!

## FIND ME AT:

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## WEB DEVELOPMENT PROJECTS

### Sartorial

*Front-end hosted through Firebase*
*Back-end hosted through Firebase*

A digital men's capsule wardrobe closet. User's select from 16 capsule wardrobe items as they acquire them. A "Dress Me" page enables users to create digital outfits, or to have one curated for them. Users can have multiple closets (summer/winter) and can view other users' closets.

HTML, CSS, Javascript, React, Firebase, Github.

### Lattice

*Front-end hosted through Github*
*Back-end hosted through Heroku*

A project management tool in a similar vein to Monday.com or Trello. Users can create project boards which get populated with customizable cards and specific notes. The frontend including user authentication is created using React, while the backend is built with Ruby on Rails. Styling is with Material-UI and some SCSS.

HTML, CSS, Javascript, React, Ruby on Rails, PostgreSQL, Netlify, Heroku.

### Furever

*Hosted through Heroku*

A pet adoption website designed to allow users to upload profile information which auto populates adoption forms for one click submission to animal shelters. Furever includes four CRUD system databases for Users, Animals, Shelters and Favourites.
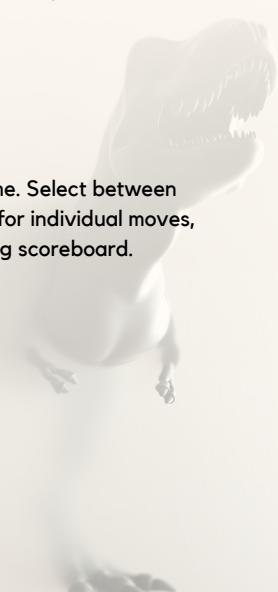
HTML, CSS, Ruby on Rails, Bootstrap, PostgreSQL, Cloudinary, Github.

### Rick - Tac - Toe

*Hosted through Github*

A single page PVP Rick and Morty themed tic tac toe game. Select between five characters with personalized avatars and audio files for individual moves, wins and draws. Multiple games are displayed on a running scoreboard.

HTML, CSS, Javascript and JQuery.

## ABOUT KING KONG

In Kong I was given a special task because of my **adaptability** and **reliability**. To be on call to cover the three principle puppetry roles.

## ABOUT PUPPETRY

I learned a lot about **Teamwor**k from being literally attached to two coworkers, 24 hours a week for two straight years. The three of us brought to life the star of the show-- the horse.

## ABOUT TOURING

To travel around the world with a few dozen coworkers takes a great deal of **emotional intelligence** and **interpersonal awareness**. You're forced to deal with people on their best and worst days. I thrived in this environment.

## ABOUT ACTING

To be an actor is to be an **entrepreneur**. Seeking opportunities, maintaining a brand, networking and constantly updating and improving the product I offer to make myself more marketable in a competitive industry.

## PREVIOUS EMPLOYMENT

### King Kong - New York, NY

*Original Broadway Cast*

I covered the three remote animatronic puppetry positions (imagine a $100,000 Nintendo wii) which controlled the facial expressions, head & neck, and body of King Kong. Often at a moment's notice I would be required to captain the 15 person puppetry team that brought Kong to life.

### War Horse - New York, NY

*Original Broadway Cast*

Working as part of a three person horse and a 12 person puppetry department taught me invaluable lessons in active listening, teamwork, and making space for coworkers.
The show won 5 Tony Awards including best play.

### Walking with Dinosaurs - International

*N. American, Asian, and European Tour*

I toured to 40+ countries over 4 years as the Baby T-Rex puppeteer.

I was in charge of the 6 person suit performer department responsible for scheduling, hiring and training new cast members. I was also a regular spokesperson for the show appearing in numerous television and print journalism interviews.

I was also the unofficial social chair organizing trips to Finnish bathhouses, Piha Beach in NZ, a sumo tournament in Nagasaki, sea bass fishing trip in Hiroshima, and a 37 person sunrise hike up Mt. Fuji.

## ACADEMIC BACKGROUND

**General Assembly**
*Software Engineering Immersive*

**University of Southern California**
*BA in Creative Writing*