

# W. Jamie Vaughn

Software Engineer & React Developer

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Citizenship: USA

## EXPERIENCE

### PingThings.io

*Front End Software Engineer* – Oct 2020 - Present

- Visualize electric grid time series PMU data w/ React + D3

### Monroe Community College, Rochester, NY

*Instructor of Front End Development* – Oct 2019 - Present

- Teach night classes on skills, tools, & techniques expected of Frontend Developers using React w/ NoSQL Firebase database.

### Tattle Inc, Rochester, NY ([gettattle.com](http://gettattle.com))

*Front End Software Engineer* – Nov 2019 - Present

- Create D3 and Chart.js data visualizations & tables for a restaurant feedback dashboard
- Develop Web Component survey widget using Stencil.js for collecting feedback data on 3rd party sites

### CMP Tech, Rochester, NY

*Front End Software Developer* – Sept 2017 - Nov 2019

- Developed reusable marketing funnel templating tool w/ React
- Created embedded customer support app tool for Zendesk call center agents using Handlebars.js
- Extended affiliate web portal site and created consumer, subscription-based web apps with PHP, Laravel & Vue.js

### via Upwork.com, Remote Freelance

*Freelance Web Developer/Designer* – Dec 2016 - Nov 2018

- Use HTML/CSS/JS & jQuery to create clients' projects such as: NR-Systems Ltd., [addictionresource.com](http://addictionresource.com), [customerdevlabs.com](http://customerdevlabs.com)

### NRG Home Solar, Henrietta, NY

*Solar Site Analyst* – Nov 2015 - Aug 2016

- Design layout & Forecast solar generation w/ Solmetric software.

### Ambrell Induction Heating, Scottsville, NY

*Applications Engineer* – May 2014 - Oct 2015

- Design induction heat treatment solutions using Excel, Python modeling and laboratory experimentation.

## PROJECTS

### WJV.io: ([./Portfolio](#))

- Starcraft Build Order Calculation App
- NLP Sentence Segmenter & Speed Reading Chrome Extension

**Visualization Dashboard:** [www.ni4ai.org](http://www.ni4ai.org)

**NPM Modules:** `ttl-redirect-survey` & `ttl-embed-survey`

**Tech Documentation:** [Web Component Installation](#)

**Open Source Contribution:** `stackedCards.js` library

**PublicSeek.com:** Background Checking App (JS/PHP)

**Moaroffers.com:** Affiliate Account Portal (JS/PHP/Laravel)

## TECHNOLOGIES

HTML5, CSS, Javascript, ES 2021

React, Next.js, Vite.js, D3.js, Typescript, Web Components  
Git, npm, AWS, Docker

Consume GraphQL, REST

Node.js, Elixir, Deno, AMPL

## PROFESSIONAL CERTIFICATIONS

### Monroe Community College:

- Software Engineering
  - July - Dec 2017

### FreeCodeCamp.com Cert.:

- Front End Development
  - 2016-2017

## EDUCATION

### Rochester Institute of Technology, 2010-2012

- Finished course reqs. for M.S., Systems Engineering

### Case Western Reserve University, 2004-2009

- B. S., Materials Engineering
- Fuel Cell Research Assistant, '05

## INTERNSHIPS

### Logos Energy, 2008-2009

Fuel Cell Engr - Electrode Corrosion

### General Electric, 2007-2008

Halogen Engr - IR+ Optical Coatings