

W. Jamie Vaughn

Software Engineer & React Developer

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(585) 773-3268

Citizenship: USA

EXPERIENCE

Altana.ai (altana.ai)

Lead Front End Engineer – Dec 2021 - Present

- Dashboard D3 Visualization of global trade & supply chain data.

Monroe Community College, Rochester, NY (monroecc.dev)

Lead 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.

PingThings.io (www.ni4ai.org)

Front End Software Engineer – Oct 2020 - October 2021

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

Tattle Inc, Rochester, NY (gettattle.com)

Front End Software Engineer – Nov 2019 - Oct 2020

- 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

Mad Collective, Rochester, NY (mad.io, moaroffers.com)

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 React
- Extended affiliate web portal site and created consumer, subscription-based web apps with PHP & Laravel

via Upwork.com

Freelance Web Developer/Designer – Dec 2016 - Nov 2018

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

NRG Home Solar, Henrietta, NY

Solar Site Analyst – Nov 2015 - Aug 2016

- Plan layout & estimate 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

Personal Page: wjv.io + ([./portfolio](#))

MCC React Education Portal & LMS App: monroecc.dev

- Mentoring Junior Developers into TAs/Instructors

Time Series Visualization Dashboard: www.ni4ai.org

Multi-Contributor Gatsby Blog: www.blog.ni4ai.org

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

Tech Documentation: [Web Component Installation](#)

Open Source Contribution: `stackedCards.js` library

Background Check App: publicseek.com

Affiliate Account Portal: moaroffers.com

TECHNOLOGIES

HTML5, CSS, Javascript, ES 2021

React, Next.js, Vite.js, D3.js,

Redux & Sagas, Typescript, Git,

Web Components, REST & Apollo

GraphQL

Tests w/ Jest, Cypress, Puppeteer

Node.js, Deno, Express.js, AMPL

AWS, Docker, Github Actions,

NoSQL, Firebase, Clickhouse

PROFESSIONAL CERTIFICATIONS

Monroe Community College:

- Front End Development
 - July - Dec 2017

FreeCodeCamp.com Certs.:

- Software Engineering
 - 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

