

W. Jamie Vaughn

Software Engineer & React Developer

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Citizenship: USA

EXPERIENCE

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

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 - Present

- 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

CMP Tech, Rochester, NY (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

WJV.io: (. /Portfolio)

- monroecc.dev - MCC React educational portal & LMS app
- blog.ni4ai.org - Multi-contributor Gatsby blog

Time Series Visualization Dashboard: www.ni4ai.org

NPM Modules: [ttml-redirect-survey](#) & [ttml-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,
Typescript, Web Components
Git, AWS, Docker, Kubernetes

Apollo GraphQL & REST, Firebase

Node.js, Deno, Express.js, AMPL

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