

Senior FullStack Developer (4+ years FTE, 11+ OpenSource, 17+ Web Dev). I'm an innovator at heart, not satisfied with the status quo; I adjust and adapt to the unique circumstances of my environment then push the bar higher.

SKILLS

FRONTEND	HTML/CSS JAVASCRIPT TYPESCRIPT WEB-COMPONENTS REACT ANGULAR
BACKEND	PYTHON ASP.NET NODEJS PHP
QA/TESTING	TAPEJS MOCHA JEST SELENIUM
CI/CD	JENKINS GH ACTIONS CIRCLECI GITLABCI
CLOUD/DEVOPS	AWS DOCKER VAGRANT
DATABASE	MYSQL/RDS MSSQL AWS DYNAMODB

EMPLOYMENT

Senior FullStack Developer, **AceInfo Solutions**

2020-08-03 - 2021-12-15

I develop and maintain AFF (Automated Flight Following) and EnergyWeb for USDA EAS

- Org: Modernized development practices and established a review/test/release workflow
- DB/Cloud: Migrated the SQL server from AWS EC2 to a managed AWS RDS instance
- QA/Testing: Developed a complete integration test suite for AFF
- Org: Participated on the Forest Service CI/CD pilot project
- Org: Participated on the USDA CI/CD pilot project
- Dev: Completed the previously incomplete rewrite of EnergyWeb from Python -> C#

Author, Maintainer, Contributor, **Open Source**

2019-01-01 - 2021-12-15

Took a year hiatus to work on Open Source R&D new/emerging technologies

- Dev: Created the VanillaWC GitHub organization and published 14 web components
- Dev: Created the VanillaES GitHub organization, published 4 libraries, and 3 CLI tools
- Dev: Landed the 'ESM Compatibility' RFC and PR into ESLint core
- Community: Participated on node/modules team planning ESM support for Node
- Community: Joined JSONResume as a Maintainer
- R&D: Established 'Best Practices' for working with standard Web Components
- R&D: Established 'Best Practices' for developing Universal JS libraries and tooling

JavaScript Engineer - 100% Remote, **Coder Technologies Inc**

2018-02-03 - 2018-09-18

Coder is a cloud-native IDE (Integrated Development Environment) based on VSCode

- Dev: Developed the main product UI from the early alpha stages through product launch (Typescript)
- Dev: Scaffolded the VSCode plugin integration API (Typescript)
- Dev: Contributed to and polished the FrontEnd website UI leading up to launch (Typescript React)
- QA: Built out the E2E testing automation, including integration with CI/CD (Selenium)

Lead I&R Technician, **WiseConnect Inc**

2017-05-01 - 2017-11-23

WiseConnect specializes in Copper and FiberOptic telecommunications installation and support

DISH I&R Technician, **24 Hour Alert Systems**

2016-09-01 - 2017-05-01

24HR is a contract installation for DISH Network

Field Representative/SME - 100% Remote, **Strike Group LLC**

2011-04-11 - 2015-03-27

SG is a DVSOB certified DOD contractor. I represented MARCORSYSCOM ComCam for West Coast/Pacific AOR

Principal Software Engineer - 100% Remote, **JPA Inc (RIOS)**

2008-07-01 - 2010-02-01

Co-Developed the RIOS for FedEx throughout all stages of planning and development

- Product: Led product development from the PDR (Preliminary Design Review) thru Acceptance
- Arch: Designed the communications, systems, n-tier, and IPC (Inter Process Communications) architecture
- Dev: Build parsers for ARINC-424, the host datapool, and ported the floating-point conversion lib from C to C#
- Dev: Implemented a custom Layer 2 network protocol client/server for host interaction
- Dev: Implemented the database layer. Incl datapool, ARINC424, cache layer, queries, and stored procedures
- Dev/Tech: Performed the onsite installation and host integration per the agreed (7 day) schedule
- Hardware: Specified and assembled the rackmount PC, backups, hot spares, and touchscreen displays
- QA: Worked on-site with the Check Pilot to integrate last-minute look-and-feel changes/fixes

Electrical IO Specialist, **JPA Inc**

2004-07-01 - 2008-07-01

Hacking on commercial full flight aircraft simulators for fun and profit

Flight Simulator Manufacturing Specialist, **SATCO LLC**

2003-12-01 - 2004-07-01

SATCO specialized in the manufacture of Level D FFS (Full Flight Simulator) and FTD (Fixed Training Devices)

PROJECTS

Founder - **@VanillaWC** (Organization)

2019-04-08 - 2020-02-07

Founded on organization to explore that development of standard web components.

Web Components, Standards, JavaScript

Founder - **@VanillaES** (Organization)

2018-02-03 - 2020-02-07

Founded on organization to explore the development of ES modules for the web and Node.

ECMAScript, Standards, Node

Individual Contributor - **Coder.com** (Application)

2018-02-05 - 2018-09-18

Like VSCode in the cloud. It's a fully featured cloud-native IDE based on Monaco.

JavaScript, Typescript, React, Selenium, Monaco

Author - **jQuery-CSV** (Library)

2012-04-20 - 2020-02-07

The first RFC 4180 spec parser written for JavaScript

JavaScript, Parser

Contributor - **Packet.net** (Library)

2010-12-28 - 2018-09-18

An open source framework for capturing, parsing, and formatting network packets

C#, NUnit, PCAP

Principal Developer - **RIOS** (Application)

2008-07-01 - 2010-02-01

An Instructor Operating Station (ie touchscreen Interface) for a 737-400 Flight Simulator

C#, MSSQL, Networking, Windows2K

EDUCATION

Business CIS, Metro State University (Incomplete)

2006-08-17 - 2008-04-09

AWARDS

Certificate of Commendation - United States Marine Corps

2014-06-30

Issued for exemplary performance In support of Desert Scimitar '14. Including directing the first successful deployment of the TIPS (Tactical Imagery Production System) 3.0 in a field environment.

INTERESTS

EXTREME SPORTS

SNOWBOARDING WATERBOARDING WAKEBOARDING ROCK CLIMBING

