

# EVAN PLAICE SENIOR FULLSTACK DEVELOPER

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Experience: 7+ Years Full-Time Professional , 15+ Years OpenSource. I'm an innovator at heart, not satisfied with the status quo; I adjust and adapt to requirements then push the bar higher.

## SKILLS

FRONTEND	HTML/CSS JAVASCRIPT TYPESCRIPT WEB-COMPONENTS ANGULAR REACT
BACKEND	PYTHON ASP.NET NODEJS PHP
QA/TESTING	PYTEST JEST XUNIT PLAYWRIGHT
CI/CD	JENKINS GH ACTIONS GITLABCI
CLOUD/DEVOPS	AWS DOCKER VAGRANT
DATABASE	MYSQL MSSQL AWS DYNAMODB
SECURITY	NIST-800.53 ATO PACKET-ANALYSIS

## EMPLOYMENT

Senior FullStack Developer [Remote], **BayNova LLC** 2022-01-18 - 2025-09-30

USDA EAS Contract - Develop, maintain, and modernize mission-critical software systems for the Forest Service and USDA

- Dev: Rewrite CFETS FrontEnd to new design spec and backend from ASP.NET MVT to ASP.NET Core
- Dev: AFF Feature Development and BackEnd rewrite from Python CGI -> Python FastAPI
- Dev: Implemented 6 Delegate OAuth 2.0 to integrate with govt-specific Auth Services
- QA/Testing: Established an integration testing suite for CFETS (xUnit)
- Security: Modernize and update multiple mission-critical projects to meet FS 800.53 standards

Senior FullStack Developer - Remote, **AceInfo/Guidehouse** 2020-08-03 - 2022-01-17

USDA EAS Contract - Develop and maintain AFF (Automated Flight Following) and RD Renewable Energy for USDA.gov

- Dev: Completed the previously incomplete rewrite of EnergyWeb from IBM Domino -> C#/ASP.NET
- 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: Built a complete integration test suite for AFF (pytest)
- Org: Participated on the Forest Service and USDA CI/CD pilot project

Author, Maintainer, Contributor, **Open Source** 2018-09-01 - 2020-08-02

Took a hiatus to upskill and 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
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Frontend Developer [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 [Remote], **Strike Group LLC** 2011-04-11 - 2015-03-27

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

Software Engineer [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) through 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

## 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, ALPINE TOURING, WAKEFOILING, ROCK CLIMBING