

EVAN PLAICE

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Mid-Level Full-Stack Developer (3+ years FTE, 9+ years OpenSource). Specialities: Networking, Parsing, Application Development. Former, Flight Simulator IO specialist, Military Logistics Specialist, Telecomm Tech Lead. Open Source Software Enthusiast. Problem solver. I work best in small, highly specialized teams. Well versed in training/mentoring juniors, and leading others.

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SKILLS

Languages	Javascript/ES Typescript HTML/CSS Python C# PHP BASIC Profanity
Frontend	WebComponents React Angular SCSS Angular.js jQuery
QA/Testing	Jest Selenium Tape.js Mocha/Chai JSUnit NUnit
Automation	Bash Rollup Webpack Grunt
Backend	Node.js Express Symfony BoltCMS WebApp2
Database	SQL MSSQL MySQL NoSQL MongoDB DataStore
DevOps	AWS (S3, EC2, R53, IAM) GCloud Docker Puppet Vagrant
Design	Inkscape Photoshop Illustrator Mockups Logo-Design
CI/CD	CircleCI GitLab TravisCI



EMPLOYMENT

Javascript Engineer [Mid], [Coder Inc.](#)

Worked (100% Remote) on the FrontEnd team to implement features for the Editor (Monaco/Typescript) as well as the website FrontEnd (React/Typescript/Mobx).

- Implemented many of the visual designs represented in the production app
- Greatly improved the system for serialization/deserialization of global application state
- Implemented the foundations of a plugin framework for 3rd party modules
- Contributed solutions for many pain points ex. svg loading, bundle size, scss standardization/performance, etc.
- Fixed a regular stream of bugs as well as wrote unit tests (karma) and co-developed the scaffold for E2E testing (selenium)
- Worked through the earlier disorganized stages through the initial production launch

Software FrontEnd Typescript React Agile Startup

Electrical IO Specialist/Software Engineer, Joel Plaipe and Associates Inc.

Hacking on commercial full flight aircraft simulators for fun and profit.

- Design/implement various avionics and aircraft systems updates incl. EGPWS, TCAS, TAWS, glass, analog, etc
- Website Dev (ie LAMP stack)
- Principal Developer for RIOS (Replacement Instructor Operating Station)
- Partnered w/ Rotran LTD as a crew member Relocating many Level D commercial flight simulators. Roles (Packer, Electrical, Rigger)

Hardware Electrical Design Implementation Rigging Installation Software Development Architecture Integration



PROJECTS

Owner, [@vanillawc \(OSS\)](#)

A GitHub organization created to encourage and proliferate the development and use of Vanilla Web Components.

- 3 WC officially release
- 4 WC published

Javascript Web Components

Author, [node-ftpsync \(OSS\)](#)

Intelligent file synchronization over FTP

- One-command incremental synchronization
- Grunt wrapper (grunt-ftpsync) available
- Published to NPM

Node.js JsFtp Mocha Chai Git

Author, [jquery-csv \(OSS\)](#)

The first RFC 4180 complete lexer/parser for Javascript. Migrated from Google Code.

- 1M+ downloads
- Efficient hand-rolled DFA parser
- Published to NPM, Bower, CDNJS, Maven, Ruby Gems

Javascript QUnit Mocha Chai Mercurial Git

Contributor, [SharpPcap/Packet.Net \(OSS\)](#)

Fully managed, cross platform (Windows, Mac, Linux) .NET library for capturing packets

- Implemented/revised various networking protocols
- Added additional unit and performance tests
- Added additional examples
- Updated documentation via CodePen

C# Mono WinPcap LibPcap NUnit Git Subversion