

EVAN PLAICE

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Mid-Level Full-Stack Developer (3+ years FTE, 9+ OpenSource). Specialities: Networking, Parsing, Application Development. Open Source Expert. Software Dev Generalist. I work best in small, highly specialized teams. Well versed in training, mentorship, and leadership roles.

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SKILLS

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



EMPLOYMENT

Javascript Engineer [Mid-Level], [Coder INC](#)

FrontEnd Dev (100% Remote), worked on the IDE (Monaco/Typescript) and website interface (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

Principal Engineer, Electrical IO Specialist, JPA INC

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

- Product Development: Worked as a Principal Developer on the RIOS (Replacement Instructor Operating Station)
- Hardware: Designed, implemented, integrated avionics and systems updates. Ex EGPWS, TCAS, TAWS, glass, analog
- Webmaster: Designed, built, and maintained the company site. Which led to 2 brokerage deals worth .5MM
- Partnered w/ Rotran LTD for many Level D simulator relocations, Roles incl 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.

- 4 Web Components published
- Javascript (ESM) Web Components

Contributor (Remote), [Coder.com](#) [Proprietary]

VSCode in the cloud

- 15k+ users by Alpha Launch
- Duration: Participated from a rough early demo through the Alpha launch
- Methodology: Agile

Typescript React MobX GoogleCloud Jest Selenium Jenkins Docker

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

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

- 1MM+ downloads
- Efficient hand-rolled DFA parser

Javascript QUnit Mocha Chai Mercurial Git

Principal Developer (Remote), RIOS [Proprietary]

A mission critical 3-touchscreen interface for Level D Commercial Flight Simulators.

- Worth 250K in revenue
- Product: Worked with the Cx from the first stages to define all UI designs and capabilities
- Software: Architect many fundamental systems. UI, IPC, Comms, Database, Multi-Threading, Binary Parsers
- Hardware: Fully specified and installed all hardware. Rackmount Computers, Screens, Redundant Backup H/W
- Integration: Fully integrated/tested the system with only 7-days of operational downtime
- SLA: Acceptance required 90 days @ 99.9% uptime

Hardware Software Design Networking Architecture Integration C# MSSQL Subversion MediaWiki