

EVAN PLAICE

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Full-Stack developer w/ 5+ years of experience. Flight Simulator IO specialist, and Military Contractor 'go-to guy' in a past life. Open Source Software Ninja. Problem solver. Leader when necessary. Accustomed to, working on small specialized teams, interfacing with customers, quickly adapting to a new technologies, and working on the bleeding-edge.

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SKILLS

Languages	HTML5 CSS Javascript ES+ Python C# PHP BASIC Profanity
Frontend	Angular Angular.js jQuery Bootstrap Semantic-UI
Backend	Node.js Express Symfony BoltCMS WebApp2
Database	SQL MSSQL MySQL Doctrine NoSQL MongoDB Mongoose DataStore
DevOps	Vagrant Puppet AWS Bash
Automation	NPM JSPM Webpack System.js FTP-Sync S3-Sync Grunt
QA/Testing	NUnit JSUnit JUnit Mocha Chai
Design	Photoshop Illustrator Mockups Logo-Design
Cloud	AWS EC2 S3 Route53 IAM gCloud AppEngine



EMPLOYMENT

Lead Installation and Repair Field Technician, [WiseConnect Inc.](#)

High speed, low drag copper specialist. Installing Century Link DSL and POTS services.

- Provided leadership, training, and QA for the field techs
- Served 1K+ customers

Installation Repair Troubleshooting Quality Assurance Training Leadership Customer Service

Field Service Representative, [Strike Group LLC.](#)

West Coast representative for MARCORSYSCOM Combat Camera. Providing logistics and support.

- Fielded, tracked, and supported \$5+ million in military hardware
- Support 11 Combat Camera units across 6 military installations
- Acted as regional SME for the TIPS (Tactical Imagery Production System)
- Provided onsite support 3 field exercises
- Hosted of semi-annual training evolutions for the TIPS
- Certified Xerox MFD field technician
- Setup and trained coworkers to use S3 for monthly distribution of OS images
- Authored an automation suite for Excel->PDF form filling
- Designed and maintained company website

Military Logistics Training Networking Field-Support Xerox-Certified

Electrical Design Technician/Software Developer, [Joel Plaipe & 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
- Full Stack development of a website + inventory DB using a LAMP stack
- Full lifecycle product design/architecture/development of multi-touchscreen interface using C#/MSSQL
- Designed and implemented a custom layer2 networking protocol
- Partnered on many projects with Rotran Ltd, packing/installing/relocating and FAA certifying various Full Flight Simulators

Hardware Electrical Design Implementation Rigging Installation Software Development Architecture Integration



PROJECTS

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.

- 500K+ 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

Co-Developer, Replacement Instructor Operating Station (Proprietary)

A mission critical multi-touchscreen interface for commercial flight simulators.

- First full lifecycle greenfield product development
- 250K in revenue
- Architect of all systems, components, IPC, and network communications
- Specified, assembled, configured, custom hardware incl hot/cold spares for redundancy
- First turnkey hardware product implementation
- Successful acceptance - 90 days @ 99.9% uptime

Hardware Software Design Networking Architecture Integration C# MSSQL Subversion MediaWiki