

J. Tanner Plauché

www.tannerplauche.com www.github.com/tannerplauche

Qualifications Summary:

Skills: Front-end Web, Back-end Web, Cross-Platform Mobile Developer

Languages: JavaScript, Java, Python, Swift, HTML5, CSS3

Frameworks & Libraries: AngularJS, ReactJS, React Native, ExpressJS, SailsJS, ReactJS

Databases: MongoDB, CouchDB, PostgreSQL, MariaDB, SQL

Tools & Platforms: NodeJS, NginX, Gulp, Grunt, WebPack, Bootstrap, NPM, Mongoose, Sequelize, Waterline, Babel, Git, GitHub, BitBucket, Jira, SourceTree, Agile, Scrum

Projects:

Pivot – A corporate health web and cordova-based mobile application that allows employers to incentivize employees to make healthy decisions. The application provides health and activity objectives and that can be rewarded with real world benefits via a benefit shopping mall where health points can be exchanged for real goods: gift cards, items from Amazon.com, etc...

- Full stack feature development with ExpressJS, AngularJS, and MariaDB, on Linux servers
- Wrote vanilla SQL queries in RESTFUL style endpoints.
- Worked in waterfall approach and agile teams.

EAMAYW - (Eat as Much as You Want) A meal planning and nutrition tracking application intended for TopFitPro's clients and for white-label usage by personal trainers. The software enables users to establish weight, food, and nutrition goals. The software tracks a wide variety of variables to help them track and achieve their goals.

- Migrated from Drupal - PHP back-end to NodeJS / SailsJS - JavaScript back-end.
- Integrated new SQL oriented ORM, Sequelize in place of Waterline.
- Transposed business logic and endpoints for restful APIs.
- Used AngularJS to create new features and improve user experience.
- Used Bootstrap and SCSS to design and layout user interface.
- Consistently completed sprint objectives in Agile style environment with frequent deployments.

VowelViz Online - Speech analysis and mapping tool that uses HTML web audio API to visualize speech. VowelViz Online enables speech pathologists and individuals with hearing and speech difficulties to see where sounds resonate in their mouths.

- Translated Python and C++ analysis algorithms into JavaScript.
- Used PixiJS to render speech tracking visuals.
- Used Grunt to build deployable, minified bundles.
- Implemented scrum sprints to increase team productivity.

Speech Racer - iOS app that analyzes speech input and grades the accuracy of the speaker's "R" sound production. The app is used by speech pathologists, parents and children to improve speech distortions and disorders with real time visual feedback.

- Created unique speech analysis algorithms to isolate and grade targeted speech sounds.
- Managed full product development life cycle.
- Contributed to and edited C++ algorithms,
- Maintained and updated the app features.
- Edited existing Objective-C code and app flow.
- Implemented Swift bridge headers and Swift based features.
- Added HTML based routing features.

Professional Experience:

Pointclear Solutions – Nashville, TN

10/2017 – Present

Web Application Developer

- Developed front-end features and experience using AngularJS, HTML, and CSS.
- Developed RESTFUL endpoints and middleware that interface with MariaDB.

The Iron Yard - Nashville, TN

5/2017 – 11/2017

Lead JavaScript Instructor

- Teach an introduction to web development at V School, a programming boot camp.
- Teach the MERN stack and Ruby.

Sisel International - Springville, UT

12/2016 – 05/2017

Web Developer

- Created client facing pages for new products.
- Developed internal media tracking application for marketing department.

V School - Provo, UT

1/2016 – 04/2017

JavaScript Instructor

- Taught an introduction to web development at V School, a programming boot camp.
- Taught the MEAN stack and ReactJS.

TopFitPros - Orem, UT

1/2016 – 10/2016

Full Stack Developer

- Contract developer responsible for bringing two web apps, EAMAYW and Guided Workouts, to market.
- Utilized NodeJS to migrated the back-end to SailsJS.
- Improved flow of the apps and developed product features using AngularJS.

CompleteSpeech - Orem, UT

11/2012 – 1/2016

Research and Development Lead

- Head of research and development.
- Managed C# development with contracted developers to create new visual bio-feedback software.
- Edited and created features for iOS applications.
- Used python for analyzing large amounts of data and write speech recognition algorithms.
- Implemented and fine-tuned acoustic analysis algorithms for iOS and web based applications.
- Translated open source algorithms to JavaScript from Python and C++ and created used them to create web based speech tools.
- Used AngularJS to create educational and training tools for visual feedback and phonetics.

Education:

J. Tanner Plauché

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Georgia State University 2011-2012

M.A. program: Applied Linguistics: Emphasis in Computational and Corpus linguistics

Brigham Young University 2007 - 2009

Major: Linguistics: with Language Emphases in Russian & Czech, Minor: French