

Acker Dawn Apple

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OBJECTIVE:

To apply my advanced knowledge and experience in software engineering at a stimulating and rewarding organization. To work with a team where my skills can be effectively utilized to improve the operations, reliability and efficiency of a company.

PASSION:

I maintain popular open source code packages for several different programming platforms. My publicly available code receives free quality assurance by adopters whom report problems and issue updates. This has led to communications and collaborations with other advanced developers from all over the world, which has been a very enriching enjoyable experience that I want to continue to develop.

EXPERIENCE:

06/2016 – 05/2019

Caring on Demand

Delray Beach, FL

Frontend Software Engineer



Working with a team of programmers, all with varying offset coding abilities. I primarily used Angular frontend technologies to develop desktop and mobile administrative apps. For a time, I also created micro NodeJs services for hosting on AWS EC2 instances.

Highlights of Achievements:

- Utilized open source architectures to run reliable consistent applications across all major devices and web browsers.
- Achieved high performance, extremely quick loading times, and smooth animations. This was done with background processing using **web workers**, **route lazy loading**, and **ahead-of-time** compilation.
- Created a center piece admin that enabled any type of role based entity, from a customer to an administrator, to login using the same singular app but receive tailored interfaces matching the context of security for the given role of a user.

I engineered a robust on boarding document system including:

- NodeJs serving documents and web applications
 - Server provided from filling
 - Server added hand signatures into documents
 - Server secured documents with digital signing
 - Server pushed final docs to Amazon S3 cloud storage

- Web admin application allowing edit of documents
- Mobile web application allowing on boarding users to sign official company documents

In addition, my responsibilities over the last year have included training a coworker in NodeJs and Angular.

02/2013 – 06/2016



Children of America

Delray Beach, FL

Software Engineer

Manager, implementor and chief of company software architecture. Connected third party software with internal databases and technologies. Created Always Close By, the camera monitoring system and mobile application for parents and staff. Created Stay in Touch, the classroom mobile application that has offline storage capabilities that helps teachers go paperless when marking children daily activities. Custom wrote both ACH and card payment systems to save hundreds of thousands of dollars by processing transactions through online APIs. Custom wrote upwards of a hundred interfaces and administrative tools that, still today, saves thousands of man hours and also increases consistency and accuracy of the work performed by these tools and interfaces.

10/2011 – 01/2013

SalesWanted.com
RankNumber1.com

Sales Wanted / Rank Number 1

Ft. Lauderdale, FL

Lead Programmer & Programming Manager

Manager of programmer department with responsibilities to oversee all developments and routine maintenance protocols. Managed and implemented third-party vendor's API based technologies such as: Phone Number Routing; Multi-listings Web Services; Google Business Apps & Maps; and more. Provided administrative interfaces, reporting, exporting, facilitated mass imports of millions of rows and more.

Development Duties: Mature and expand pre-existing business listing software. Responsible for team developments and implementation coordinating. Created legacy code upgrade paths and executed them. Itemized logging of work completed and project tracking. Time quotes and software requirement documentation.

Specific Skills Utilized: Mass properly indexing of an entire database system containing several millions of rows. Search Engine Optimization for multi-site multiple-listing system. Converted a pre-existing procedural based tag code foundation to an object relation managed code foundation. Upgraded company from ColdFusion 8 through to ColdFusion 10, negotiated

substantial savings per month on hosting & third-party APIs, wrote a beautiful and very sophisticated Google based territory sales map and more.

- Additional 18 years past work history available upon request -

QUALIFICATIONS:

Extremely well experienced with trouble-shooting and rooting out the cause of programmatic bugs and issues by using investigation techniques by applying relative knowledge to separate the symptoms of an issue from the actual cause. Highly detail oriented; analytical; and have an in-depth knowledge of information management. On the job experience of implementing highly scaleable applications.



Specific Technical Knowledge Includes, but not limited to:

- NodeJs (very proficient)
 - Packages used: Sequelize; Loopback; Webpack; Pug / Jade; TypeScript; Express
 - **Packages created:** path-reader, pdf-cli-wrap, ack-x
- Database Technologies
 - MS SQL (very proficient)
 - MySQL (very proficient)
 - MongoDB (known very well)
 - Oracle (known very well)
 - Postgres (known well)
- Front-end Technologies
 - Angular (very proficient)
 - **Packages created:** angular-file, agm-overlays, stripe-angular, ack-angular-fx
 - SASS (known well)
 - DHTML (HTML / CSS / JAVASCRIPT)
 - Web Workers
 - Web-apps
 - Cordova (known very well)

- Ionic (known well)
- PhoneGap (known well)
- native-scripting (known lightly)
- Third Party Software
 - Twilio
 - Firebase
 - Tableau
 - Github
 - NPM
 - Amazon Web Services
 - Payment Gateways
 - Stripe, FirstData, Auth.net
- Java (known fairly well)
 - Know Maven well
 - I maintain a few PDFBox related packages
- PDF document management specialist
- XML / SOAP / WDDX
- Versioning Systems Used
 - GIT; Subversion (SVN); Source Safe; Concurrent Versioning System (CVS)

ACTIVITIES & ACHIEVEMENTS:

- Author of 25 packages hosted on NpmJs
 - <https://www.npmjs.com/~ackerapple>
- Host of 37 repositories hosted on GitHub
 - <https://github.com/AckerApple?tab=repositories>

EDUCATION:

2004 - 2006

Isolated Education

Orlando, FL

Self taught ColdFusion, MS SQL, and web architecture

Improved a family members merchant terminal business by implementing newly learned server-side and client-side services.

August 2001

Coral Springs High School

Coral Springs, FL

Specialized in computer technologies.

Held tech positions in school. Participated in most all available computer courses/extracurricular computer activities. Certificates in Environmental Studies through Save What's Left Club.

REFERENCES:

Available upon request.