# SOFTWARE ENGINEER

## Education and Training

11/2016
Bachelor of Science - Information Technology / Software Development
University of Phoenix City , State

05/1996
Associate of Arts - Graphic Arts
College of Eastern Utah City , State

05/1988
High School Diploma
Carbon High School City

## Summary

Results-oriented Software Engineer with 10+ years experience in backend web services such as REST APIs and more recently GraphQL. Proficient in several languages, platforms, and frameworks. 4+ years experience in frontend javascript frameworks. Experienced working with project managers and teams in a SCRUM environment. Other skills include working with version control (VCS), microservice design, Docker environments, and pipeline deployments. Self motivated and passionate whether it's working remotely or in office.

## Skills

- PHP
- Laravel / Lumen / Symphony / CodeIgniter
- MySql (for sql) and MongoDB (for nosql)
- Vuejs
- Reactjs
- Nodejs
- REST and API Design
- GraphQL

- Javascript
- HTML, CSS, SCSS, etc...
- Docker for development
- Git, GitHub, BitBucket
- Jenkins / CircleCI / GitHub Actions
- AWS (Amazon Web Services)
- Microservice Design / Development
- Scrum

## Experience

Software Engineer Syllable | Sunnyvale , CA 07/2020 - Current

Part of a team of 4. We are in charge of all the backend communication services consumed by the various frontend services and features. The backend consists of a PBX API, PBX service, Switchboard Daemon, Asterisk, FreePBX, and other supporting services. Also, in the process of rewriting legacy services like the prismpbx service/API to take advantage of newer technologies getting ready for a big Asterisk and FreePBX upgrade. Worked on some frontend and backend updates for our techweb system. I worked with new Laravel 8 and PHP 8 mostly, but also some with vue and other technologies.

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**List of technologies used**

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- PHP for most of the backend APIs.
- MySQL(SQL) and SQLite for all data storage.
- Docker environments used for all local development environment.
- PHPUnit for all unit tests and code coverage
- Laravel and Lumen
- Asterisk
- FreePBX

Software Engineer Syllable | Denver , CO 11/2018 - 05/2020

Worked on several features and products for PrinterLogic that included development and bug fixes for the printer CPA software (Control Panel Application). Helped upgrade and develop the MSP Portal (Managed Service Provider). Worked on the integrations team to integrate between many different services. This also included billing and communications to SalesForce and other services. Spent a small amount of time as a tier 4 support consultant (one quarter) which was required for all developers as some point.

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**List of technologies used**

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- PHP for most of the backend APIs.
- Nodejs for the integrations backend APIs that mostly ran as AWS Lambda functions using the Serverless framework.
- Reactjs and Vuejs used for much of the frontend projects.
- MySQL (SQL) and MongoDB (NOSQL) for all data storage.
- MongoDB for all nosql storage for some integration projects.
- Docker environments used for all local development as well as production.
- Jenkins and CircleCI for the building and deployment processes.
- And of course many of the basics like HTML, CSS, SCSS, Bootstrap, etc...
- SCRUM, JIRA

Web Service Developer Busybusy | City , STATE 03/2016 - 08/2018

Work as a part of the backend web services team. Responsibilities include maintaining and developing new features in the backend API written mostly in PHP. Worked on development for the automated billing system along with data syncing mechanisms to manage users, subscription, and SalesForce data. Worked with a small team in a SCUM environment.

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**List of technologies used**

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- In-house API framework developed using PHP.
- Used Kotlin to develop a user/subscription data sync mechanism
- Docker environments used for all local development
- Version control and version deployments
- SCRUM workflow environment

Networking, Programming, Support Carbon County School District | City , STATE 01/1997 - 03/2016

Work on a small team of network engineers with the responsibility of installing new networks, maintaining and upgrading existing networks. Handle the installation of new computers, equipment, and peripherals. Provide customer support to all the school district staff and students.

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Individual responsibilities include student accounts administration, District website maintenance and features, and various other software development projects such has student account sync and management utilities. Any other development projects that may come up.

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**List of technologies used**

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- PHP used for various web base projects
- MySQL for data storage
- Standard web based technologies for websites such as HTML, CSS, SCSS, bootstrap, webpack, etc...
- VB.NET used for the windows sync and admin utilities
- Active Directory used for student and staff account management.
- Various computer imaging and deployment software packages.
- Many of the basics like HTML, CSS, SCSS, Boodstrap, etc...

Endorsements

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**- Mark Daams, PrinterLogic**

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"I worked with Dave at PrinterLogic. He is one of the best engineers I've come across. He picks up newt hings very fast. He needs very little guidance to get going and become a top contributor. Dave really impressed me with his dedication and skills. I was about to teach him some things when he was new to our project, but he figured things out so fast that he needed almost no help at all. He spun up faster than most engineers I've

worked with. Within no time at all Dave was able to take on development stories and complete them faster then other team members. Dave has a wealth of knowledge a ton of different tech areas. He knows a lot of programming languages and frameworks. If he hasn't worked with a framework professionally he has probably played around with it in his free time. In addition to his technical knowledge Dave is also a great person to associate with. Very friendly, caring, always willing to help out and full of good ideas. I truly believe that Dave is one of the best engineers I've ever worked with in my career. I wouldn't hesitate to recommend him to anyone. Dave has impressed me from the very first moment I started working with him and has continued to impress me ever since."

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**- Brad Campbell, BusyBusy**

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"I recruited and hired Dave at busybusy as a back end web developer. We took a gamble on Dave since he didn't have a lot of professional development experience in the field, but we liked him. We passed over two other developers who had more experience. The gamble paid off. Dave is excellent. He is a quick learner. He is dependable. He is focused. Dave came to us as a PHP developer, which he still does. He has also started working more recently with Kotlin. Dave was always cheerful, and he accomplished everything that was asked of him. I would take a whole team of Dave's. I would hire him again in a second. You should hire him if you have a chance. He is a really great person and a great developer."

Hobbies

I love a challenge and don't like doing things "half-way." I'm a very motivated, driven, and goal oriented person professionally and personally as my hobbies shows:

- Golf - Handicap 0-3. Won the Easter Utah Amateur twice with the second time in 2014 shooting my best round ever of 63 (-7) on the first day.
- Guitar/Signing - I've played since High School and have joined many bands throughout the years. Opened up for some big name acts and build great memories.
- Web Application Development - For some reason this has become almost an addiction for me. When I'm not working, after hours in my spare time I continue to learn new technologies and work on implementing in personal fun projects.
- Hiking and Biking - I love taking advantage of the great weather and hundreds of trails in the area where I live.
- Family - I am a single father raising my 2 wonderful kids. I have a great Son of 13 years, and a Daughter that's 10. I love spending time with them on the boat, hiking, biking, or watching movies.