

Parker Bidigare

Senior Software Developer

Detroit, MI

Phone: 586-255-7640 | Email: work.simpleintelligence@gmail.com

Innovative, task-driven professional with 7+ years of experience in software/web development and life cycle of software projects. Equipped with communication and leadership skills, with communicating to clients, to managing a team in an agile scrum environment. The skills below show my professional and personal knowledge of software development.

#Skills

Front-End

JavaScript ES6 / jQuery
 CSS3 / SCSS
 HTML5 / XHTML / DOM
 ASP.net / Razor
 508 Accessibility
 ColdFusion
 Unit Tests
 ESLint / Webpack
 Cypress / Jest / karma

Back End

REST / node.js
 Typescript / Next.js
 Java / Spring Boot
 SQL / MongoDB
 C# / VB.net / .NET
 C / C++
 Python / Flask
 Mocha / Chai
 GraphQL
 gRPC

Source Control

Git / SVN
 SCRUM / Agile
 GitHub
 Bitbucket
 Team Foundation
 GitHub Actions
 GitHub co-pilot

Frameworks

React
 WordPress
 Angular
 Bootstrap / Tailwind
 Blazor
 Three.js / a-frame
 Web Assembly
 ML.NET / ONNX
 pyTorch
 Brain.js
 OpenCV
 WebXR

Tools / UI / UX

Wireframing / UML
 Prototyping
 BASH / Power Shell
 User Stories
 Visual Studio / vim
 Raspberry pi / Arduino
 Linux (Desktop/Server)
 SQL Server / MySQL
 MongoDB / Redis
 Oracle Database
 AWS
 Jenkins / Docker
 Telerik

#Professional Experience

Cynerge Consulting Inc. / Senior Application Developer

July 2018 – August 2022: Pontiac Michigan

↳ **BOSS** - Is a **Test-driven development** (TDD) budget management web application that was programmed with **Java** with **spring boot and Maven**. The Front End was built with **vanilla JavaScript** and **jQuery** along with the usual **HTML5/CSS3/SCSS**. This web application contained budgeting, personnel information, equipment management, permissions, and vehicle management for the forester service under the USDA. With vanilla JavaScript and jQuery, we built our own **JavaScript framework** that allowed us to use **JSON** files to generate components on the page. The main type of database used was **Microsoft SQL Server**. I was a **full stack developer** in this project, adding pages on the front-end and work on adding new endpoints on the back end. I worked with **OAuth authentication** with the USDA's OAuth service called FSapps.

↳ **MARS (Malfunction/abnormality reports)** - Is a **Data Driven Development** (DDD) reporting web application for any of the smoke jumpers (people who took out wildlife fires) to report any malfunction during their task of taking out the fire. The tech stack for this project was **Angular** for the front end and **.NET C# API back end**. I worked mostly on the back end with optimizing/adding endpoints, adding better **search algorithms** for each report based on 20 attributes, **logging, data migrations**, and managing the on-boarding process for new developers for this project. The database was **Microsoft SQL server** with **entity framework core** for MARS to use the database. The schema Database was also stored in **Microsoft's SQL Server Development tool project** (SSDT) to manage tables and stored procedures.

- ↳ **MADB (MasterAction Database)** - This Data Driven Development is like MARS and the company has plans to combine MARS and MADB into one application. MADB records each jump the forester services smoke jumpers along with managing pilots, users, bases, personnel, ground crew and more details associated to the jumps. The tech stack is **Angular Front End** with **C# .NET API back end**. There is a separate **.NET Framework** back-end project for generating the reports, which used **Telerik** reporting to generate PDF and excel sheet reports. **Docker** was used for macOS users to use and develop this project on their local machine.
- ↳ **Oracle to MS SQL Server data transfer** - This was a side project that worked alongside BOSS for transferring data from **oracle database** into BOSS's **Microsoft SQL Server**. This was a **.NET C#** project and used **ADO.net** to access each database alongside cleaning dirty data. The result was direct transfer of the data to one database to another or generate SQL scripts.
- ↳ **devOPs** - For MARS and MADB I worked on building the **CI/CD pipeline** for both projects. This is writing up **technical documents**, readmes, and wikis. **docker** and **Kubernetes** was used for several years, but we were switching to rancher for containerizations. **Jenkins** and **puppet** were used to build and test the projects, while putting the project on the production **Microsoft IIS server**. We were also switching to **AWS**, so I am currently getting my **AWS developer associate** certification. We lastly worked with all sorts of tests including, **unit tests**, **End-to-End tests**, **integration tests**, and more. We use **cypress**, **jest**, **mocha**, and **karma** as testing frameworks.

Trade First / .NET Application Developer

March 2017 – July 2018: Southfield Michigan

- ↳ Upgraded legacy **.NET** code of the company's website to **.NET 4.6** from **.NET 2.0**.
- ↳ Developed A catalog and Cart System using **ASP.net / JavaScript / CSS / HTML / C# / WordPress**.
- ↳ Fixed any issues anyone had with their computer as a **windows IT** person.

Auburn Pharmaceutical / Information Technology Engineer

March 2016 - July 2017: Troy Michigan

- ↳ Upgraded the main website using **VB.net / ASP.net / CSS3 / HTML5 / JavaScript / jQuery**.
- ↳ Worked with a **REST API** with **JSON** to process credit card payments in their web applications.
- ↳ Used **bootstrap** and **Tailwind** with adobe suites for styling, fonts, and **UI / UX** mobile design.
- ↳ Worked on **Java** For submitting a CSOS certificate to The DEA **API** for Controlled 2 substances.
- ↳ Developed an image uploading software to upload missing drug images to **MS SQL server** and **IBM as400** database. Built in **C# .NET** and **ADO.net**.
- ↳ Upgrade The company's second website. Built as a bidding site like eBay that had a point system and the same custom-built cart for drugs that were approaching their shelf life, hence usually selling them cheaper. Tech stack is also **VB.net / ASP.net / CSS3 / HTML5 / JavaScript / jQuery**.

Oakland University / Junior .NET Web Application Developer

May 2013 - Jan 2016: Auburn Hills Michigan

- ↳ Automated the University's Commencement Process by scratch using **C# ASP.NET / HTML5 / CSS3 / JavaScript / MS SQL / Oracle Database**. The Web Application had to produce a lot of Queries to get data from the databases to produce: Ceremony booklets, Student Graduation dates, Admin info and custom queries. The login system used **LDAP** and had the ability to change data and enter check-in for commencement and ticket count.

- ↳ Upgraded The research Grant Web Application using **ColdFusion** with **.NET Assemblies**. Had to manage which divisions got what grant based on certain conditions.
 - ↳ Upgraded a **C# .NET** Form application for producing forms for secretary employees to do data entry to databases.
 - ↳ Had to manage graduation events, helping disabled people, organize graduates and do time management.
 - ↳ Used **agile** development using **SVN** for version control of the code.
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#References

Shelby Kauth – co-worker at cynerge consulting inc.

↳ Phone Number: 248-494-0603

↳ Email: Shelby.kauth@gmail.com

#Education

Macomb Community College / Associates Degree

2011 - 2016: Utica Michigan

Romeo High School / Diploma

2008 - 2011: Romeo Michigan