

Ross Agginie

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Experience:

Software Developer & Mentor @ Rumothy LLC, Orlando August 2019 - Present

- Mentoring clients in these technologies: **HTML/CSS, JavaScript, TypeScript, Web APIs**, Events and Event Handling, Client-Side Storage, JQuery, AJAX, **Node.js**, ES6+, Asynchronous JavaScript, Node Servers, MySQL, Handlebars, ORM, CRUD with Sequelize, **Github, Git bash, MongoDB, React, MERN**

Software Developer @ Benchmark Electronics, Orlando November 2014 - July 2019

- Architected, designed and developed a mobile surveillance system to **collect device data** (GPS, GForce, etc) for seamless integration with video.
- Managed **source control**, automated testing, **unit testing** processes.
- **Managed DevOps** - continuous testing, continuous integration - allowing early detection of problems.
- **Lead the team** on the incorporation of **clean code**, clean architecture, and **domain driven design** principles as well as software engineering best practices.
- Migrated a set of tightly coupled services to a **microservice architecture**.

Software Developer @ Thomson Reuters, Orlando 2013 - 2014

- Developed and maintained a property tax web application using C#, .NET, **HTML/CSS, JavaScript, JQuery**, ASP.NET, SQL

Software Developer @ Tactical Micro, Orlando 2011 - 2013

Software Developer @ Retail Technologies Corporation, Orlando 2010 - 2011

- Developed Point-of-Sale Checkout Application in **C++** and **Java**.
- Implemented **Java Native Interface** and Remote Method Invocation for Walgreens' IC+ Prescription Service.
- Implemented/Integrated OPOS/JPOS Device and Application reporting mechanisms into Dashboard - a web-front-end monitoring tool.
- Setup Ubuntu Server utilizing **MySQL** Database, **PHP** scripting with Smarty Template Engine, and **python**.

Technical Skills:

- Languages: C#, Java, C++, C, **JavaScript, TypeScript**, Haskell, PHP, Python
- Operating Systems: command line level Unix (Linux, Ubuntu), Windows,

- Databases: MS SQL Server, **MySQL**, Dbase
- IDEs: Visual Studio, Borland C++ Builder, Eclipse, **Visual Studio Code**

Projects:

- Created a message publishing application and a message consuming application to demonstrate the use of Amazon SQS.
- Developed a Restaurant Menu Application that displays menu items for order creation and interfaces with **MySQL** Database in C++.

Education:

Computer Engineering B.S., University of Oklahoma, Norman, Oklahoma