Caleb Breaux

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Employment History

Sandbox Software

Owner/Developer | January 2019– Present

- Designed and Developed from scratch the AgriOrders system for NwBiologics to solve workflow bottlenecks and manage large scale fertilizer and compost orders. Connecting Dairies and chicken farms to agricultural business in need of compost and fertilizer. Application created using MEAN stack and material-angular. (MongoDB, Express, Angular, Node)

Washington State University

System Information Manager | September 2020 – Present

- Lead engineer, designer, and software consultant for the Office of Research
- Created full web application including database, API, and angular front end for WSUs Institutional Review board. Application built for end users to be able to create expansive adaptive protocols and mange the review process and workflow of the protocols.
- Implemented Power Automate AI GPT tools and created a Web API to facilitate automation of complex tedious data entry tasks to save employee time when processing awards for grants.
- Collaborated with multiple teams and end-users to develop new web applications and improve existing ones.
- Designed and engineered new software solutions using Angular, ASP.net, C#, and SQL.
- Managed, modernized, and developed new modules and features for myResearch software supporting 1000+ users.

Ingeniux

Software Implementation Engineer | August 2019 – August 2020

- Developed front-end markup and UI for multiple client projects collaborating with end users and designers.
- Led the front and back end development for the American Association of Optometry project
- Collaborated on and developed 10+ user managed websites and web applications and implemented the Ingeniux content management system.
- Created reusable modular jQuery widgets and UI elements for company projects

Walla Walla Community College

Instructor | September 2019 – January 2020

- Developed course for an ASP.NET MVC class
- Taught fundamentals of C# ASP.NET MVC course
- Taught an introduction to computer science class
- Worked with and taught .NET technologies

Simplimation
Lead Front End Developer | December 2017 – August 2019
- Created new modular content management system UI and front-end using VueJS that allowed custom modules to fit specific client needs
- Created custom business management application based off of new CMS UI
- Created customer portal that allowed customers to pay invoices and manage accounts
- Integrated new front-end software with existing PHP API
- Built employee portals that allowed employees to interact with the business and clients
- Worked with SQL database and executed SQL queries

Walla Walla Community College
Instructor's Assistant | December 2015 – June 2017
- Assisted instructors in class with students
- Tutored students in C++, Java, SQL, PHP, and Intro programming

Freelance Graphic and Web Design | 2014 – 2016
- Custom Websites
- T-shirt and Logo design

Education
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Walla Walla Community College
AAAS Software Design
Walla Walla, Washington
Graduated June 2017 3.96 GPA

Work Experience in Main Skills

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.NET / ASP.NET (5 years):
- Lead developer for over 6 large scale projects using .NET technology. At Ingeniux
- Supporting developer for over 12 projects. At Ingeniux
- Experience Developing .NET courses and teaching .NET technologies. AT WWCC
- Using MS Visual Studio as a IDE
- Maintaining, Updating, and creating new software for WSU using .NET Web APIs

C# (5 years):
- Using C# as main server side programing language utilizing the .NET framework for all projects. At Ingeniux, WSU
- Developing Unity3D game engine with C# as the main scripting language.
- Using MS Visual Studio as a IDE

SQL (5 years):
- Writing mySQL queries for custom CMS applications. At Simplimation.
- Creating custom applications to query client and 3rd Party SQL Databases. At Ingeniux
- Utilizing SQL Database creation and management fundamentals in student projects when teaching at WWCC
- Querying, maintaining, and updating main system database at WSU

Front End Development (6 years):
- Creating UI and UIX as Lead Front End engineer using VueJS at Simplimation.
- Creating UI and UIX as Senior Developer using Angular and AngularJS at WSU
- Creating HTML/CSS/JS websites and templates for use with Razor views based off of designs. For Ingeniux
- Working as a lead unsupervised
- Designing full front end system for AgriOrders in Angular, Bootstrap 5, and Material.

Back End Development (5 years):
- Creating and implementing Controllers in the .NET framework to extend or modify the functionality of the Ingeniux CMS. At Ingeniux
- Creating controllers and SQL database connections for custom client applications at Ingeniux
- Working extensively with database integration .NET Web APIs and Webapps at WSU
- Creating ExpressJS crud RESTful API for AgriOrders

Teamwork and Collaboration (7 years)
- Experience in both leadership roles and supporting roles, At Ingeniux, Simplimation, WWCC
- Teaching students and assisting them demonstrates high level of communication and interpersonal skills. At WWCC
- Communicating Ideas and solutions to end users and Clients at Ingeniux, WSU
- Working with Small tight nit teams (1-3 members). At Simplimation, WSU
- Working with medium to large teams (8-12 members) At Ingeniux

Technical Skills

Javascript:	Advanced	VueJS:	Intermediate
UI/UX Development	Advanced	Unity3D:	Intermediate
C#:	Advanced	SQL:	Intermediate
.NET:	Advanced	NoSQL (MongoDB):	Intermediate
ExpressJS:	Advanced	JQuery	Intermediate
Angular	Advanced	Graphic Design	Intermediate
Linq	Advanced	Entity Framework:	Intermediate
NodeJS:	Advanced	React:	Competent
HTML/CSS:	Advanced	Java:	Competent
REST APIs:	Advanced	C++:	Beginner
Git:	Advanced	PHP:	Beginner