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Evidence > words. Please follow the hyperlinks below for evidence.

Experience

Apr 2022
(To present)

Lucent Health – Senior Applications Engineer
- Developed internal applications in Javascipt, React and GoLang
- Created full deployment pipeline solutions for multiple applications
- Created full hosting infrastructure in AWS using Terraform
- Managed internal tools including shared Postman and knowledgebase

Jun 2020

Phenomenal Games - Lead Designer and Programmer
- Sole developer for the real-time multiplayer browser game *SocketShot* [3]
- Hosted in AWS Elastic Beanstalk
- Game engine built in Node.js utilizing socket.io
- Graphics and UI built in HTML5 Canvas
- Built MongoDB data structure and data access layer

Jun 2019

Service Management Group - Software Engineer II
- Worked on an Agile team creating a customer data comparison tool in Angular JS and C#
- Wrote SQL stored procedures

Oct 2017

VinSolutions - Software Engineer II
- Worked on an Agile team creating a profile matching application written in C# and continuously deployed to AWS Elastic Beanstalk.
- Created internal automation tools for the team including an API load tester, reporting tools, and data export utilities (JavaScript and C#).
- Worked daily with a variety of AWS Cloud technologies including Elastic Beanstalk, S3, DynamoDB, RDS, ElasticSearch, API Gateway, and ECS.

Oct 2012

Lexmark Enterprise Software - Development Support Pro
- Worked in a development & maintenance team, working primarily with JavaScript and SQL.
- Developed internal automation tools in C# using Microsoft Visual Studio[2]
- Created a SQL database dictionary for our CRM product [5]
- Developed and maintained an internal ticket monitoring tool in PHP[6]

Education

Grad.
May 2011

Taylor University - Web Media Production
- Web Development – HTML, CSS, PHP, IIS, Apache Tomcat
- Programming – Python, C++, C#, Flash, Objective-C (iOS development)
- Media Production - Final Cut, Sony Vegas, FL Studio, Adobe Audition

Skills & Knowledge

Web & Cloud
- AWS Certified Developer
- HTML5+XML+CSS(10 years)
- PHP (1 year)
- REST+SOAP, AWS, IIS, Apache Tomcat, TCP/IP, SSL, React

Programming
- C# (4 years),
- MTA Certified Developer
- JavaScript (8 years) + Node.js, AngularJS
- SQL (10 years)
- C++ Certified Developer

Other Technologies
- Linux, MS SQL Server, Oracle, Active Directory/LDAP, Video Production, Photoshop, Terraform

Projects

C# Troubleshooting Tool - *Environment Validator*[2]
- Automatically troubleshoots SQL, LDAP, config files, Win Services, and more
- Released to entire department and widely used

Multiplayer browser game - SocketShot.io[3]
- Hosted in custom AWS Elastic Beanstalk
- Written in NodeJS

Educational YouTube Channel - *MassComprehension*[4]
- Executive Director/Editor/Producer/Researcher
- Support from author Dr. Jerry Coyne for Why Evolution is True videobook

Database Dictionary - *Philosopher's Stone*[5]
- Over 650 technical table & column descriptions entered, and constantly growing
- Released to entire department and widely used

Gamification of Support Department[6]
- Built in PHP
- Connected to Salesforce API monitoring employee performance, transforming the work day into a game

*Additional references available upon request. Click here for verbatim client feedback.[7]

Mission

To develop engaging human experiences through software that entertain, enlighten and inspire.