JUSTIN L. ESPIRITU

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EDUCATION

University of Wisconsin - Oshkosh *December 2018*
Computer Science | Software Engineering Emphasis *Bachelor of Science*

SKILLS

Languages
· C#, Javascript, HTML/CSS, Java, PHP, SQL, Python, C/C++, Batch, Latex

Frameworks & Libraries
· MVC, Vue, Angular 2+, AngularJS, jQuery/jQuery UI, NodeJS, .Net, Teamcenter ITK, Teamcenter SOA

Databases
· MySQL, Microsoft SQL Server, Firebase

Tools
· TFS, Github/GitLab, Trello, Jira, Google Analytics, Mercurial

PROFESSIONAL EXPERIENCE

Software Engineer August 2020 - Present
Aperture Labs LLC *Waukesha, WI*
· Full Stack Development
· Configure, design, & develop E-commerce websites with nopCommerce
· Design & Develop custom plugins for nopCommerce & EpiServer
· Design & Develop custom extensions for inRiver PIM
· Monthly Lunch & Learns we're developer share & teach new knowledge to other developers

Teamcenter Implementations Engineer January 2019 - July 2020
Mercury Marine *Fond Du Lac, WI*
· Collaborate with local & remote team members in developing & executing Teamcenter solutions
· Configure teamcenter BMIDE, BOM Management, Workflows, Access control, Change Management, Dispatcher Configuration, & other Teamcenter Modules
· Customize Teamcenter using standard Teamcenter APIs
· Troubleshoot Teamcenter technical issues at various levels such as installation, deployment, & configuration
· Perform data modeling & data mapping process in assistance with business analysts & solution architects

Web Application Developer March 2017 - December 2018
University of Wisconsin - Oshkosh *Oshkosh, WI*
· Rewrote the Advising Worksheet, an application for advisors at the Under Graduate Advising Resource Center (UARC) & Student Success Center (SSC) that streamlines the process of creating eduucation/graduation plans for students, from plone to AngularJS.
· Created AngularJS directive for developer to accelerate & simplify the process to create multi-add fields to forms
· Provided detailed documentation in Confluence for developers to use newly created directives & applications

Research Assistant Jan 2017 - May 2017
University of Wisconsin - Oshkosh *Oshkosh, WI*
· Created a program in Python 2 using the Natural Language Tool Kit (NLTK) library to gather data on articles & create simple summaries on provided articles.

PROFESSIONAL PROJECTS

Secura January 2021
Epi Server
· Develop admin customizations to update website from the backend
· Redisign & create css for mainsite & blog
· Maintain & fix ongoing issues

· https://www.secura.net/

Portescap   November 2020

inRiver

· Develop plugin to create tables using data from inRiver PIM
· Integrate inRiver PIM with Adobe inDesign to create catalog pages
· Configure & initialize fields for Adobe inDesign integration
· Streamline the process of creating product catalog pages
· Create Documentation for Client on how to use inRiver & inDesign

Osborn   October 2020

inRiver

· Develop customization to custom plugin to download & create cvls/excels of product images

Aperture Labs   August 2020

inRiver

· Develop a custom plugin that integrated with removebg api
· Remove background from images that were put into the PIM
· Develop a schedule task that would run this on the server at scheduled time

Ultrasource   March 2020

inRiver

· Initialize & configure inRiver PIM
· Import products into the PIM

CSP   January 2020

nopCommerce

· Develop custom extension to create various print files
· Allowed CSP customers to create custom sign labels, custom safety equipment, multi-layer pdf, etc.
· Develop email system to help keep track of ongoing orders
· Maintain & fix ongoing issues

Arbor Day Foundation   January 2020

nopCommerce

· Develop custom front end/customer functionality for e-commerce site
· Develop custom back end/admin functionality for e-commerce site
· Develop custom SQL queries, functions, & stored procedures
· Integrate Google Analytics to streamline business analytics
· Integrate ipgeolocation api to automatically get customer locations
· Maintain & fix ongoing issues
· https://shop.arborday.org/

JJKeller   November 2019

nopCommerce

· Develop custom extension to create custom print labels
· Maintain & fix ongoing issues

Aperture Labs   October 2019

inRiver

· Develop custom template & functionality for model state viewer
· Streamline the process of being able to add & delete model states

Secura   August 2019

nopCommerce

· Develop custom reporting to keep track of ordered products for administration

Teamcenter Support   April 2019

Teamcenter Solutions Engineer

· Provide daily support for Teamcenter Issues
· Create, debug, & Modify custom ITK code
· Collaborate & meet with team for daily stand-ups (Agile Methodology)
· Research & find solutions for issues noted in daily stand-ups

Teamcenter Upgrade   March 2019

Teamcenter Implementations Engineer

· Upgrade multiple Teamcenter environments to Teamcenter 12.x
· Configure Teamcenter Servers to cloud based infrastructure (Azure)
· Review Teamcenter Production Evniroment configurations & extract all production configuration settings
· Deploy Active Workspace 4.1 for Teamcenter
· Integrate Solidworks with Teamcenter
· Establish a cache server
· Rebuild all current customization & conduct basic customization testing
· Deploy Active Work Space for Teamcenter
· Test, validate, & document Teamcenter Devlopement environments

Teamcenter Rollback   March 2019
Teamcenter Implementations Engineer
· Perform a full database & Teamcenter 11.4 rollback
· Create &/revise attributes using BMIDE
· Create backups & full documentation for client
· Deploy BMIDE Templates
· Revise attribute mapping for Solidworks integration
· Create custom queries for custom attributes/properties
· Create custom style sheets to display custom data
· Perform functional testing for BMIDE changes

Teamcenter Design Update   March 2019
Solution Design
· Update Training documentation for client
· Collaborate with team & client to gather training materials

Advising Worksheet App
· Full stack development
· Built using MVC ASP.NET framework backend, angularJS frontend, & SQL as a database
· Create directives to help streamline custom form creation
· Test, validate, & document app development
· Collaborate & meet with client on a regular basis to gather information on issues & fixes
· Collaborate with project manager & client to gather requirements

OTHER PROJECTS

DeadByDaylightBuildsApp   In Progress
· A Progressive Web App that allows users to create & save builds for the game Dead By Daylight
· Using Ionic, Angular, & Python

WeddingWebsite   In Progress
· Simple website for my fiance & I's website
· Using Angular 9 & Firebase

PersonalWebsite
· Simple Resume website using Hugo theme

Dog Filter App
· Simple web application built with AngularJS using the Open Dogs API

Biggest Loser App
· Collaborated with a team of five to create a web application to compare & keep track of weight loss between users.
· Took role of Requirements Leader: Ensured all requirements have been collected & documented; managed the product backlog.
· Responable for creating & maintaining database infastrucure using MYSQL/phpmyadmin.
· Collaborated with Test Leader to create Unit tests using PHPUnit

Nerdup
· Mobile Application used to record, download, & share notes on Super Smash Brothers players
· Developed using Android Studio & Firebase as a database

Webclicker
· Collaborated with team of four to create a web application that allowed students to answer questions created by an instructor
· Responsible for creating & maintaining database infrastructure using MYSQL/phpmyadmin