JUSTIN L. ESPIRITU

https://justinlespiritu.com
Espiritu.L.Justin@gmail.com | 920-279-9796

SKILLS

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

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

Technologies & Tools
· Azure DevOps, Circle CI, Wordpress, Hugo, Github/GitLab, AWS, Pantheon, NopCommerce, inRiver, TFS, Trello, Jira, Google Analytics, Mercurial

Databases
· MySQL, Microsoft SQL Server, Firebase

EDUCATION

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

PROFESSIONAL EXPERIENCE

Software Engineer   September 2021 - Present
Rock Central   *Remote*
· Full Stack Development
· Configure, design, & develop apps for internal & external use
· SME for multiple projects
· Collaborate with other engineers & associate engineers to solve issues
· Collaborate with business & product owners to create stories and make changes needed by the business
· Work with 'Guardian's of the Quality' to help the engineering team create quality of life changes and standards
· Created a git repo & git pages documentation for new engineers to streamline the process of onboarding
· Create readMe's and documentation for on going projects
· Run production deployments with product owners & other engineers
· Run bi-weekly knowledge shares

Software Engineer   August 2019 - August 2021
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 2019
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

Checkmate .Net Framework, jquery

Created customization, functionality, maintain, & test
· Help run production deployments in Azure Devops
· Created documentation for setup for future engineers

Allin Documention Job .Net Framework, Dev Ops

· Updated Devops build to allow business users to update documents pulled in from job

Engineer On boarding Repo Hugo, Git

· Created onboarding documentation for new engineers
· SME for project
· Introduced business to hugo for git pages documentation
· Introduced business team to git issues, projects, & git action
· Help create windows & macOS scripts to streamline the process of downloading tools and software

guySupport .Net Framework

· Created customization, functionality, maintain, & test
· Run production deployments through Azure Devops
· Created documentation for setup for future engineers

DEI Wordpress

· Created customization, functionality, maintain, & test
· Run production deployments through pantheon

Allin Wordpress

· Created customization, functionality, maintain, & test
· Run production deployments through Circle CI

Drive .Net Framework

· Updated UI for report pages to help business needs
· Run production deployments through Azure Devops

GEP .Net Core

· Feature Story
· Help create custom functionality, maintain, & test
· Help create models, services, and functionality for reading data from other services
· Research and collaborate with business to create & complete stories

VendorDocs .Net Framework

· Current SME for app
· Created unit test to reach the 85% code coverage
· Refactored code to achieve 85% code coverage
· Updated business logic to read new csv files without effecting old logic
· Communicate & collaborate with business & product owners to help create stories

Cryptoblades .Net Core

· Helped create the business logic infrastructure for Cryptoblades in .net core

Secura 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 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   inRiver
- Develop customization to custom plugin to download & create cvls/excels of product images

Aperture Labs   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   inRiver
- Initialize & configure inRiver PIM
- Import products into the PIM

CSP   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   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   nopCommerce
- Develop custom extension to create custom print labels
- Maintain & fix ongoing issues

Aperture Labs   inRiver
- Develop custom template & functionality for model state viewer
- Streamline the process of being able to add & delete model states

Secura   nopCommerce
- Develop custom reporting to keep track of ordered products for administration

Teamcenter Support   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   Teamcenter Implementations Engineer
- Upgrade multiple Teamcenter environments to Teamcenter 12.x
- Configure Teamcenter Servers to cloud based infrastructure (Azure)
- Review Teamcenter Production Evnironment 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   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 — Solution Design
- Update Training documentation for client
- Collaborate with team & client to gather training materials

Advising Worksheet App — AngularJS
- 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

Rock Climbing App — In Progress
- App to help keep records of routes at the rock climbing gym
- Using Ionic, Angular, & Firebase
- Using Gitbooks for documentation

Wedding Website — In Progress
- Using Angular 9 & Firebase
- https://beckyandjuice2022.netlify.app

Dead By Daylight Builds App — Backlog
- A Progressive Web App that allows users to create & save builds for the game Dead By Daylight
- Using Ionic, Angular, & Python

Personal Blog
- Simple blog using Hugo
- Help keep track of diet and rock climbing progress
- https://theoriginaljuicyjuice.netlify.app/

Personal Website
- Simple Resume website using Hugo theme
- https://justinlespiritu.com

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