# JUSTIN L. ESPIRITU

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## SKILLS

### Frameworks & Libraries
- React Native, React, React MUI,Angular 2+, .Net Core, .Net Framework, MVC, Vue, AngularJS, jQuery/jQuery UI, Knockout, NodeJS, Teamcenter ITK, Teamcenter SOA

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

### Technologies & Tools
- Fastlane, Azure Notification Hub, Azure DevOps, Firebase Cloud Messaging, Apple Push Notification Service, Circle CI, Wordpress, Hugo, Github/GitLab, AWS, Pantheon, NopCommerce, inRiver, TFS, Trello, Jira, Google Analytics, Mercurial

### Databases
- CosmosDB, MySQL, Microsoft SQL Server, Firebase

## EDUCATION

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

## PROFESSIONAL EXPERIENCE

### Senior Software Engineer                                                  March 2022 - Present
*Core Logic*                                                                 *Remote*
- Designs, writes, tests, and implements software features and functions for Web UI & Mobile
- Reviews functional and technical requirements, raising potential issues and participating energetically in design discussions, consulting with other team members as necessary
- Defines accurate estimates of work effort to aid in project planning
- Develops and directs software system testing procedures and programming
- Promotes application logging and metrics as a first-class component of delivery
- Works closely with QA, Product, and customer-facing teams to ensure a high standard of quality and customer focus at all times
- Steers and mentors other engineers including junior and interns

### 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
*University of Wisconsin - Oshkosh*

March 2017 - December 2018
*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
*University of Wisconsin - Oshkosh*

Jan 2017 - May 2017
*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

**Dispatch**       React Native, React, Fastlane, FCM, APNS, Azure Notification Hub.Net Core, Azure DevOps, CosmosDB

Application helps auto dispatch 100+ resources for 1000+ insurance tasks a day
· Research, Implement, and design push notification for iOS and android
· Helped Automate our process for configuring push notifications
· Helped Automate our process for mobile releases
· Create designs and implement custom solutions for application
· Create customization, functionality, maintain, & test
· Create and Allocate stories for development
· Help Implement ways to help document and speed up or development cycle
· Learned and developed in React with a 2 month deadline

**Resource Manager**                    Angular, Jasmine, .Net Core, Azure DevOps, SQL

Created customization, functionality, maintain, & test
· Lead for UI development
· Create and Assign stories for UI development
· Automated deployments to environments with Azure Devops
· Automated git commits checks

**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

### Resume & Personal Blog
Resume website & blog built using hugo
· https://justinlespiritu.com

### 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
· 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