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| **Summary:**  Passionate full-stack/front-end developer, who specializes in Angular and the rest of the MEAN stack. Responsive Design and RESTFul API’s are also personal favorites. Loves mentoring junior team members. Known as a “maker”. Whether it is building a web application, an Arduino robot, or building a wooden table, it’s just what I do! |
| **CAREER HIGHLIGHTS** |
| |  | | --- | | **Transamerica**  Manager, Software Engineering 7/2018-Present | | * Initial setup for the new Advisor Experience app, it is the company’s new portal for financial advisors to manage their "book of business" * Developed advanced facet filtering feature used all over the app * Developed edge api using Node, Express, and NestJS * Created custom collapse component for internal UI framework known as Cardinal * Developed custom AWS Kinesis based logging module (including Logging Interceptor) for edge API * Integrated JWT based authentication with ISAM integration * Supervised 5 direct reports spread across 3 different teams * Implemented Redux pattern using NGRX * Worked on several side projects including:   + A proof of concept demonstrating setup of a Docker based Jenkins server with a pipeline-based build that pulls code on merge, installs dependencies, lint and tests code (using headless chrome), builds project for prod and deploys to AWS S3.   + A proof of concept showing what it would look like to compile some of our custom components into angular elements.   Tech Stack: Angular (6/7), NGRX, Jenkins, Docker, SASS/SCSS, Jira, Sketch, Zeplin, Material Design Components, WebStorm, Bitbucket | |
| |  | | --- | | **Pinnacol Assurance**  Software Developer III 2/2017-6/2018 | | * Enhanced sport mega menu allowing NGB admins to login and add pictograms for each sport in the menu. * Created new build and deployment process using Jenkins, Artifactory, and Docker. This took our deployments from multi hour, error prone events to a few seconds. Deploying exactly what was tested following the build once deploy many pattern * Served as team lead for front end projects * Had a major role in completing the development of the long running Certificates of Insurance project (Angular 2) * Lead team and developed the UI for the Customer Onboarding project (Angular 4) * Coded the entire UI for Alerts Manager project (Angular 5) * Lead and coded a major revision of the previously mentioned Certificates of Insurance project. This included Upgrading to Angular 5 and updating to use the angular cli * Mentored other Angular developers * Architected new SASS/CSS based styling library pn-themes based on Foundation 6.x. This new library brought greater standardization along with company specific enhancements * Architected and developed new Angular component library, pn-library, Tanhis new library allowed the company to share many components that are reused in other projects, including menus, headers, footers, auth, assorted other services, and route guards * Personally, deleted/moved 40+ builds and archiving 15+ Git Repos, thus greatly reducing overall tech debt for the company, and allowing the legacy build serve to be decommissioned * Prototyped and gave presentation outlining the implementation of a Progressive Web App (PWA) using the new Angular 5 Service Worker and the App Shell pattern   Tech Stack: Angular (2, 4, 5), ECMAScript6 (ES2017), Foundation 6.x, SCSS, CSS, GIT, Jenkins, Artifactory, Docker, Jira, Trello | |
| |  | | --- | | **United States Olympic Committee (USOC)**  Contractor 10/2016-2/2017 | | * Developed new Athlete Module for TeamUSA platform using .net and Sitecore, allowing CMS users to add the module and select specific athletes, athletes by type, athletes by Olympic years, and athlete by sport * Enhanced sport mega menu allowing NGB admins to login and add pictograms for each sport in the menu * Added new block quote feature to the Sitecore rich text editor * Split the existing athlete portal away from the TeamUSA platform, removing the dependencies on Sitecore and other components of the TeamUSA platform. The result was two new solutions, one for the API, this used WebApi 2 and the repository pattern. The other solution was a MVC shell, Angular 1.3, and bootstrap 3   Tech Stack: Sitecore, JavaScript, Angular, LESS, HTML5, .Net, WebApi 2, SCRUM, Team Foundation Server (TFS), Visual Studio 2015 | |
| |  | | --- | | **STARZ**  Contractor 6/2016-9/2016 | | While at STARZ I completed several very public facing features including “Coming Soon” and “New Content”.   * Coming Soon feature included a “Coming Soon” icon, along with adjusted business logic when a title can be played, or found on the site * New Content also included a “New” icon, along with special logic for binge series and different behaviors for individual episodes * Hide Locked Content, allowing users to elect to hide from being displayed when they don’t have access to watch it   Tech Stack: JavaScript, Angular, SASS, HTML5, .Net, SCRUM, Git, Bit Bucket, Jira, WebStorm, Visual Studio | |
| |  | | --- | | **Aspenware**  Sr. Consultant 2/2015-6/2016 | | While at Aspenware my work primary revolved around design and development of a web-based portal for the US Olympic Committee (USOC) located in Colorado Springs.  **Project: Find A Club – Client: US Olympic Committee (USOC)**   * Developed Sitecore based system allowing National Governing Bodies (NGB’s) to include the Find A Club module into their sports content.   Essentially, Find A Club helps individuals find a clubs for their chosen sport anywhere in the country   * System is templated allowing for continuity across NGB’s * Developed search which included an interactive map of the United States   **Project: UCreate – Client: Arrow Electronics**   * Developed Angular based front-end for system allowing “makers” to submit and share projects * Individual projects include “Maker” info such as name, handle, and avatars, a dynamic materials list and a dynamic bill of materials * Architected and Developed feature allowing users to create and edit hierarchal list of steps. These steps included uploaded images, a rich text editor, and the ability to re-order using drag and drop * Wrote custom SASS that was converted to CSS3     **Project: Games Registration/Profile - Client: US Olympic Committee (USOC)**   * Architected user profile/Games Registration system allowing administrators to control the questions athletes are shown/required to complete based on the event/games * Developed Angular based system breaking groups of fields into "module groups" and "modules". Each "module" contains all the logic to handle the included fields. Modules can then be brought in based on service based configuration * Created Angular directive allowing the configuration to include snippets of content to be included in the configuration and displayed for each module and other extensibility points * Structured system such that a separate user profile (independent of any event/games) is also included * Led small team assigned to implement my design * Created detailed design documents and diagrams * Trained client staff members on how to use and configure the system for each even/games   **Project: Long List - Client: US Olympic Committee (USOC)**   * Developed "Long List" feature allowing administrators to add delegates/athletes to list of possible participants for events/games * Build AngularJs directive allowing users to find existing/create new delegates to be added to system and assign their role at the games * Included filtering, sorting, and pagination of lists   **Project: Direct Athlete Support (DAS) and Operation Gold (OpGold) - Client: US Olympic Committee (USOC)**   * Developed AngularJs based DAS and OpGold features, allowing administrators to create new pay periods and payments for athletes * Incorporated rolled up totals, management of eligibility, copy forward (previous pay periods), athlete lookup and creation * Created directive based "type ahead" athlete lookup feature * Served as QA for Integration Team   **Project: Elite Athlete Health Insurance (EAHI) - Client: US Olympic Committee (USOC)**   * Established basic structure for all future angular projects for this client * Built all new Angular based system allowing admins to select athletes to be offered and approved for Health Insurance * Architected project to allow each sport have different criteria groups and different number of athletes eligible for insurance per sport * Implemented Angular directive allowing for management of eligibility * Created "Wait List" feature * Integrated search and creation feature developed for DAS project * Implemented copy forward (different from DAS) allowing athletes receiving insurance to be copied from previous year   Tech Stack: JavaScript, AngularJs, Twitter Bootstrap 3, Foundation, HTML5, SCSS, GIT, Bitbucket, Net 4.5, WebApi 2, Sitecore, SoapUI, WebStorm, Visual Studio 2013, Fiddler, Team Foundation Server (TFS), and Automapper  Other Aspenware:   * Mentored other team members helping them become Angular developers * Developed Application using Angular2, Bootstrap4, and ES6 * Created Numerous directives to maintain separation of concerns and encapsulate functionality * Refactored work from a previously developed application to conform to established Angular and .Net patterns * Produced detailed design documents based on client requirements * Authored blog posts for Aspenware on the Internet of Things (IoT) * Built a drink mixing robot based on Arduino, Node, and the Johnny Five Robotics library for an Aspenware sponsored IoT event * Became a Sitecore certified developer | |
| |  | | --- | | **Aspenware / Inspirato**  Sr. Mobile Web Developer 10/2014-1/2015 (3 Month Contract) | | Contracted through Aspenware to develop two new features providing similar functionality offered in Inspirato's desktop website.   * Developed mobile version of Inspirato’s popular “Jaunt Now” feature. Including filtering, sorting, custom calendar, support for gestures * Developed mobile version Inspirato’s new “Jaunt 52” feature. Including filtering, sorting, custom calendar * Fixed numerous bugs in other areas of the existing mobile web application   Tech Stack: JavaScript, HTML, CSS3, SAAS, JQuery, MVC4 .Net 4.5, Scrum, Visual Studio 2013, Subversion, and Jira | |
| |  | | --- | | **ToolWatch**  Sr. Developer 2/2013 – 10/2014 | | * Developed a new app (Shinobi) to replace the legacy Winforms app (Angular, Bootstrap and Responsive Design). This app was very successful, ultimately becoming the development group’s highest priority * Developed numerous custom directives (Angular) * Served as team lead and developer on the Shinobi project * Created an Amazon style search using gutter/facets, pagination, and sorting (Shinobi) * Developed an internal management application using Angular and Bootstrap * Personally developed nearly all server-side components needed to support the new IPhone application * Developed 4 RESTful API's conforming to Level 3 of the Richardson Maturity Model using WebApi 2 * Deployed all API's using Amazon Elastic Beanstalk * Developed the supporting business layer for APIs, with extensive use of LINQ and lambdas, ORMLite, and the facade and repository patterns * Mentored other team members helping them become Angular developers   Tech Stack: JavaScript, Angular, Twitter Bootstrap, .Net 4.5, WebApi 2, AWS ElasticBeanstalk (EBS), AWS Elastic Compute Cloud (EC2), ElasticSearch, MongoDb, OrmLite, SQL Server, Ninject, Generics, Visual Studio 2013, Fiddler, GIT, Jira, Automapper, primary design patterns: facade and repository | |
| |  | | --- | | **The Graebel Companies**  Sr. .Net Developer 11/2010 – 2/2013 | | During my time at Graebel, I was a member of two different teams. In the beginning I played a key role in the re-development of one of their major brown field applications, tracking the movement of goods around the globe. After this work was released, the team lead received a promotion, and I was asked to take over many of her responsibilities, including working closely with the broad international user-base, leading daily stand ups, and planning (with our analyst) for the upcoming sprints. During this time, I coded less, spending more time making sure things got done, tracking velocity, and on boarding new team members.  My position changed once again when I was offered the opportunity to become part of the green field development team. I joined an existing team consisting of five of perhaps the most talented developers I have ever worked with. During this time I switched from web forms and WCF to MVC and REST. This was an extremely exciting time, and I took the opportunity to learn as much as humanly possible. I was a member of a team that gave me the opportunity to help develop the enterprise Api (using WebApi) tying our many disparate systems together through the data warehouse, domain driven design concepts, messaging, and an enterprise service bus. I also had a big role in development of the consuming enterprise portal, joining the data from all the systems together into a consolidated system for our users. Eventually, the organization decided to expand their use of Oracle, eliminating our project.   * Developed new enterprise portal, consuming RESTful services using MVC3, JQuery UI, JQuery, Twitter Bootstrap, .Net 4, and domain events * Developed enterprise API exposing RESTful services to the portal and other internal consumers. This project leveraged NServiceBus and MSMQ to provide a new distributed structure supporting an enterprise wide solution. * Architected and developed new business layer pulling business logic previously in code behinds and other locations to the new object model. This work lead to huge increases in productivity across all business lines * Served as scrum master, running morning standup, tracking velocity toward completion of team commitments, and arranging user stories and tasks for each sprint * Unit testing often with Rhino Mocks or Moq to isolate code for testing * Mentored numerous new team members, conducted code reviews, and constantly refactored the system to improve quality * Migrated team and existing code base from TFS 2008 to TFS 2010, created build definitions, restructured source tree * Worked to build relationships with our domain experts and application owners serving as a liaison to the business units * Extensive work with EF4 and lambda expressions   Tech Stack: WebApi, MVC3, Twitter Bootstrap, Responsive Design, Asp.Net, Entity Framework (EF4), LINQ, RESTful services, SCRUM, Kanban, NserviceBus, MSMQ, Service Broker, SQL Server, Ninject, Generics, Visual Studio 2010/2012, Fiddler, Team Foundation Server (TFS) Automapper, design patterns including: Domain Driven Design and Repository | |
| |  | | --- | | **University of Central Florida - Institute for Simulation & Training**  Project Manager / Sr. Developer 2/2004 – 11/2010 | | After spending several years as a Coldfusion developer, I took a position as a project manager for a team of CF developers. I oversaw multi-million dollar projects both for the university and the DoD. In this role I learned a lot, I was responsible for the production of my team for better or worse. I stood up for my people, and took the heat when they were wrong. I learned to judge talent, hiring and, unfortunately, sometimes letting people go, always learning as I went.   * Soon it became clear to me that Coldfusion was not the future for myself or my team, so I began migrating the group to Asp.Net and C# Though my official responsibilities did not require me to code, I really liked .Net and took on most infrastructure type work like authentication, authorization, data access and so on * Security Clearance: DoD Secret (NACLC) - September 2009 * Specialized in LINQ and related technologies including generics, lambdas, custom extension methods, and auto implemented properties * Lead developer for 3 large scale DoD Wide Web 2.0 projects based on .net 3.5, LINQ to SQL, AJAX Control Toolkit, Generics, and Single Sign On (SSO) powered by Smart Card Authentication * Personally developed a series of composite controls to be used in place of those contained within the .Net System.Web.UI.WebControls namespace. These controls add security, AJAX support, validation, and configuration improvements to the .Net controls they are based on, this was done using custom server controls not user controls. Configuration was done with XML and LINQ to XML was used extensively * Extensive use of Windows Communication Foundation (WCF) * Developed new departmental programming standards based on those recommended by Microsoft and introduced FxCop to help better meet those standards. Fluent user of FxCop * Continually refactored previous work to improve the overall quality of our codebase * Implemented continuous integration using NAnt and Hudson CI server * Key developer in over 15 projects | |
| |  | | --- | | **Johns Hopkins University - Enterprise Services Group**  Sr. Enterprise Applications Developer 2001-2004 | | * Developed enterprise-wide directory system for all Johns Hopkins university and hospital personnel * Developed JH Bed Management System (BMS) used by the nurses with tablet PC’s to track bed availability and occupation data * Prepared test plans and user documentation for Johns Hopkins Enterprise Directory System (JHED) * Implemented clustered website utilizing 3 web servers, 6 LDAP servers, and one Oracle server distributed across 3 different campuses | |
| **Education** |
| Bachelors of Science, Management Information Systems – Central Florida (UCF) |