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| ***Experience***  **Microsoft Corporation**  **Senior Design Engineer** (Nov. 2017 - Dec. 2019)   * Ownership, development & delivery of an interactive prototyping framework that allows for remote & in-person customer UX/HCD research studies on features and functionality for the Microsoft Azure Management Portal. * Collaboration between program managers, engineers, designers, and researchers to support scheduled cadences for online & in person customer user experience (UX) research studies & surveys. * Participation in weekly HCD/UX/UI prioritization meetings and design reviews of a broad range UX feature designs across 100+ supported internal partner teams. * Managed team workflow tracking, issue resolution, project collaboration and continuous integration/deployment of prototyping projects for the team using Azure DevOps & GIT repositories. * Contributing member of cross-organizational collaboration efforts & communications for the Microsoft web-based “Fluent Design System”. * Delivery of 20+ high fidelity interaction prototypes for mobile (iOS & Android) & desktop user experiences using Figma, Adobe Illustrator & XD design tools * Delivered intranet web applications & tooling to support researchers for collection of quantitative, qualitative and telemetry data from usability studies, including reviewing external customer feedback, application telemetry. * Provided career development guidance and technical mentorship to junior team members, including designers and design engineers.   **Allovus Design Group**  **Design Engineer** (June 2013 - April 2015, Nov. 2016 - Nov. 2017)   * Development of interactive prototypes for usability studies, user research and executive presentations for the Microsoft “Azure” & “Windows Server” Product Groups. Utilizing a proprietary development framework based on modern web technologies including HTML5/XML, CSS3, and JavaScript & JSON libraries such as jQuery & KnockOut.js * Coordination with user design research leads and graphic designers on short term project, resulting in quantitative & qualitative usability research data. * Providing accurate development and testing estimates and costing, based on the features provided by the product team to be studied. * Collaboration with external design team members regarding changes to behavioral user interaction prototype development framework code base.   **WaferWire LLC**  **Senior Technical Program Manager** (April 2015 - Nov. 2016)   * Driving significant improvements in SEO (search engine optimization) for Microsoft’s public facing developer and IT documentation websites, including <https://msdn.microsoft.com/> and <https://docs.microsoft.com/> * Providing technical guidance and support regarding for multiple content publishing tools for the MSDN & TechNet site management team and partners. * Monthly business intelligence reporting for Microsoft’s MSDN & TechNet websites and subsidiaries. * Collaboration with internal developer evangelism and marketing teams to produce and schedule the publishing of time sensitive content for the web. * Collaboration with external design team regarding changes to behavioral user functionality for the developer and information technologist audience websites. * Collaboration with external localization team regarding localization of content and assets for international functionality for the developer and information technologist audience websites.   **Digital KPI Consulting**  **Business Intelligence Development** (Aug. 2012 - June 2013)   * Development & extension of Selenium Web Testing framework & qUnit JavaScript Testing Framework for business intelligence file verification for [microsoftstore.com](http://www.microsoftstore.com) & related websites. * Development of custom JavaScript/jQuery files related to related business intelligence for microsoftstore.com, generationapp.com, msdn.microsoft.com & technet.microsoft.com * Development of web services client applications that utilizes the Adobe Omniture web service API * Development, analysis & maintenance of SQL code for business intelligence analysis for data collected via Microsoft E-Commerce sites * Development support for business intelligence related JavaScript files deployed to global scale production websites * Deep technical understanding of business intelligence related services & technologies used, such as Adobe Omniture, WebTrends Optimize, and Ensighten   **VMC Consulting**  **Senior Technical Program Manager** (Feb. 2012 - Aug. 2012)   * Refined the software development workflow utilizing Microsoft Visual Studio Team Foundation System, using a hybrid of SCRUM & AGILE methodologies. * Reduced total cost of ownership (“TCO”) for hosting an intranet HTML5/jQuery BI reporting application. * Team management of day-to-day workflow for business intelligence reporting, and intranet web application development & support. * Provide customer & partner technical support for business process related work items. * Provide bi-weekly & monthly progress communications for senior management.   **Microsoft Corporation**  **Senior Program Manager** **& Senior** **Software Development Engineer** (Jan. 2000 - Dec. 2011)   * Development of a search engine optimization (SEO) strategy and process used by key content publishing teams to improve the discovery of technical content & application content for the Microsoft developer audience that led to a 30%+ improvement in search referral traffic and 85% coverage within search engine indices. * Development of a real time content management system, RSS aggregation & discovery system and content publishing tools, with a focus on localization & internationalization. * Managed a migration project of 200+ user interface controls & other rendering platform features utilizing custom-built content management tools. * Management of a 10+ person web development team including FTE & vendor resources using SCRUM/AGILE/Waterfall methodologies * Management of an international subsidiary development on-boarding program for 20+ subsidiaries, including defining the engagement agreements and process schedules * Development of search metadata filtering user experience for Visual Studio. NET 2002 & 2003 products * Developing federated search web services for the Visual Studio 2005 in-product content index experience | ***Skills***   * 10+ years of professional software development experience in enterprise level projects & online products * 10+ years’ experience using design tools such as Adobe Photoshop, Illustrator, XD & Figma * Dedication to fostering great cross-team & cross-function working relationships * Concise and succinct verbal and written communications style * Expertise in web browser technologies such as XHTML/HTML5, CSS, JavaScript * Professional experience with Microsoft Visual Studio, C#/ASP.NET & Azure DevOps/Git/GitHub development tools |