Arun Sirimalla

*SharePoint Administrator/Developer*

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# Professional Summary

* Dedicated SharePoint Consultant with over nine years of experience administering, configuring, upgrading, and migrating SharePoint solutions.
* Proficient in customizing intranet and internet websites for the Department of Transportation (DOT), ensuring adherence to standards and accessibility requirements.
* Skilled in migrating workflows from Nintex to Power Platform and integrating SharePoint with various systems.
* Adept at utilizing PowerShell for automation and troubleshooting, with advanced Knowledge of web technologies.
* Solid experience in integrating Active Directory, databases, networking, and Microsoft Office suite with all versions of SharePoint.
* Experience setting up Office 365 tenants and implementing hybrid solutions for SharePoint online.
* Advanced Knowledge of Windows PowerShell to automate administration tasks and configuration scenarios.
* Excellent Knowledge in customizing and using Auto SP installer for SharePoint setup and all other deployments.
* Expert in developing custom workflows using Nintex, SP Designer, PowerAutomate & building forms using PowerApps.
* Expertise in SSIS and SSRS with sound Knowledge of SQL servers.
* Expert Knowledge in troubleshooting SharePoint issues using ULS logs, Event Viewer, Fiddler, Procmon IIS logs & usage logs.
* Thorough understanding of web technologies likeHTML, XML, JavaScript, Bootstrap, and jQuery.
* Developed solutions using Server-Side Object Model, Client-Side Object Model, Web Services, and REST API.
* Knowledge of implementing change management requests, problem management, and incident management tickets using Cherwell.
* Good interpersonal skills and ability to learn and master new technologies.
* Proven ability to collaborate with cross-functional teams and deliver solutions aligned with business objectives.

# Technical Skill Set

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| --- | --- |
| Platform | SharePoint 2016/2013/2010, SharePoint Online and Power Platform. |
| WEB Technologies | HTML5, CSS 3, jQuery, XML, SPFx, C#, JavaScript, Bootstrap 4. |
| Tools | MS Office Suit, ULS log viewer, IIS log parser, PerfMon, Fiddler, Network Monitor, SharePoint designer, InfoPath designer, PowerShell, Dynatrace, System Center Operation Manager (SCOM), Metalogix Content Matrix, Control Point, Sharegate, Nintex, ServiceNow, InfoPath Designer, Active Directory, IIS 6.0/7.0/7.5 |
| Operating Systems & Databases | Windows server 2012 R2/2008R2/2003,SQL Server 2016 RTM/ 2014/2012R2/2008R2/2003 |

# Professional Experience

**Department of Transportation, Madison, WI Sep 2018-Present**

***SharePoint Administrator/Developer***

* Responsible for maintaining the content and layout structure of the Department of Transportation (DOT) intranet and Internet websites.
* Manages security and permission levels of the SharePoint DOT websites for different grades and accounts, adhering to the standards.
* Designed/developed the Intranet website using Bootstrap & jQuery and made it mobile responsive per the client's requirements on SharePoint online.
* Responsible for agency-wide customizations of DOT internet website and upgraded it to Bootstrap 4 to make the website more mobile friendly, improved accessibility, and ADA compatible.
* Used Google Analytics/Google Analytics 4 to fetch the page views for the Internet pages related to the different divisions like DMV, DSP, DTSD, etc. Opened search index requests to Google for uncrawled pages.
* Work closely with end-users and power users to resolve day-to-day SharePoint issues associated with the workflow/patch upgrades/access levels.
* Migrated the old DOT SharePoint on-premises environment to the new real-time SharePoint online environment.
* Automate and integrate SharePoint with platforms like Informatica and ticketing systems like Cherwell.
* Patch and maintain SharePoint farm with PowerShell and automate various processes via batch scripting.
* Provision the MS Teams application with PowerShell, create security groups for Microsoft Teams and maintain security and features on the Office 365 tenant.
* Responsible for planning, managing, and executing deliverables and timelines associated with Microsoft SharePoint.
* Resolve issues through self-research, peer-group networks, or discussion forums.
* Install, configure, upgrade, and deploy applications, systems software, and products throughout the platform with minimum supervision.
* Identify and resolve system issues proactively. Perform daily monitoring and troubleshooting of the platform components and install and configure patches and upgrades as required.
* Resolve complex issues through hands-on technical solutions, self-research, peer-group networks, or discussion forums.
* Own and ensure adherence of team members to systems implementation methodology.
* SharePoint Online and Office 365 tenant administration.
* Support Division SharePoint Administrators with administration activities and technical issues.
* Coordinate with the customers and create project sites for various divisions and departments.
* Worked on configuring Google Analytics for External facing site and upgraded Google Analytics to Google Analytics 4 version.
* Responsible for maintaining compliance with Accessibility standards. So, we regularly monitor accessibility on our internet pages.
* Extensively worked on SharePoint and Provider-hosted apps, PowerApps, and PowerAutomate.
* Responsible for publishing and maintaining the content on DOT internet production sites with ADA (Americans with Disabilities Act) compliant standards. So that people with disabilities can interact with the website.
* Develop various portals with extensive standards using SharePoint Framework (SPFX), Angular JS, JavaScript, CSOM, and JSOM per the requirements.
* Participate in the System Development Life Cycle discussions and provide contributions with the technical expertise in determining any conflict within the software requirements.
* Hands-on Knowledge of various O365 apps like Power Automate, Dynamics 365, and Teams.
* Collaborate with IT and functional staff on support and project issues.
* Custom workflow and form development, including requirements gathering and delivery.
* Play a key role in one-on-one sessions with the End users, Business Users, and Power users to understand and enhance the Intranet website as per the user feedback.
* Owner for resolving the SharePoint tickets (issues/access requests/change management) in the Cherwell incident Management systems and providing timely resolution without breaching the ticket timeline.
* Created and designed workflows for Business users and provisioned them on their department sites for easy approval and conditional and complex security workflows.
* Provide technical support for Division SharePoint administrators with designing and maintaining various workflows like Designer, Nintex, PowerApps, and Info path workflows.
* Educate users through the Knowledge Transfer (KT) sessions for the best usage of the intranet website as per their job responsibilities.
* Scheduled training sessions for Bureau and Division SharePoint administrators to train their staff with the best usage of the intranet.
* Worked on migration of Power Automate and Power App from one environment to another environment.
* Redesigned workflow from Nintex to Power Automate and used Power Apps for the list to replace the existing Nintex forms and associated workflow.
* Utilized Power Pages to create interactive and visually appealing reports and dashboards that provide insights into business data.
* Communicate and collaborate with Microsoft Engineers to debug and resolve complex unresolved issues.
* Own and ensure adherence of team members to systems implementation methodology.
* Problem-solving, ticket resolution, Requirements gathering, and IT and functional staff collaboration on support and project issues.
* User base adoption efforts and user guidance for solutions and SharePoint usage.
* Responsible for the creation of Teams via Cayosoft in compliance with the standards and procedures of our agency.
* Collaborate with IT and functional staff on support and project issues.
* Proficient in client-side programming with expertise in React and SPFX, delivering robust and dynamic user interfaces to enhance user experiences.
* Responsible for maintaining the Lyris ListSev for sending bulk emails. Created a Listserv subscription form on the internet webpage so that the subscribers receive notifications about the announcements, regular platform patching updates, etc.
* Responsible for documenting the usage of tools and 3rd party apps for our environment and submitting the usage reports to the audit team for the renewals every year.

**Environment**: SharePoint Online, SharePoint 2016, Office 365 Tenant, SharePoint online Tenant Administration, Development, Designer, Business Analytic Skills, Power Pages, PowerShell, CSS, JavaScript, Bootstrap, SharePoint 2013 workflow model, Power Automate, Power Apps, Customize SharePoint modern sites, End-user support, Power user support, Requirements gathering, C#, SPFX, React JS, Problem-solving and ticket resolution, Nintex workflows, Power Automate and PowerApps.

**Fannie Mae, Herndon, VA Jan 2018-Sep 2018**

***SharePoint Administrator/Developer***

* Migrate existing SharePoint 2013 sites on-premises to the Office 365 cloud version.
* Corrected SharePoint configuration issues on production and staging environments.
* Automated site collection script as part of bulk site creation and Onboarding process.
* Responsible for managing DNS, DHCP, and IIS (Web server) servers.
* Responsible for the high availability of applications and deploying solutions as required.
* Responsible for backup, restoring, and managing change requests as part of the administration.
* Build end-to-end workflow applications, including email notifications.
* Implemented SharePoint framework extensions to customize notification areas, toolbars, and list data views.
* Work on CSS, JavaScript, and HTML to design and customize SP master pages and page layouts.
* Utilize JavaScript/Visual Studio/.Net, created lists with items imported from Excel files.
* Customization and development using Visual Studio and .Net.
* Setting up database connectivity and exchanging data between databases like Oracle.
* Identify the issues impacting SharePoint online migration and mitigate issues like custom pages and workflows.
* Worked with custom workflows, custom forms using CSOM, REST API, Custom Web Parts, and complex workflows.
* Work with Microsoft Office InfoPath Forms Services and SharePoint Designer.
* Set up repositories to intake and strip documents from emails.
* Set up a web server and create custom web applications.
* Perform the proper unit, regression, and load tests to ensure the accuracy and completeness of applications developed.
* Leverage mobile devices and forms to capture critical data online and offline through Nintex forms.
* Converted DTS application to SQL server integrated services SSIS as assigned.
* Designed and developed web applications and web API's from scratch.
* Extensively worked on CSS, JavaScript, and HTML to design and customize SP master pages and page layouts.
* Worked on .Net, JavaScript frameworks like jQuery/Angular, JSON/XML.
* Developed Custom Site Columns, Content Types, and Content-Type bindings features.
* Monitored and analyzed SharePoint server and application performance using SharePoint features, PowerShell, and third-party tools (K2).
* Built and maintained business process automation using K2 smart forms and K2 workflows.
* Development with Web Services, custom workflows, Solution Packages, Deployment, and SharePoint Client Object Model.

**Environment**: SharePoint 2016/2010, MS Project Server, WSS 3.0, IIS 7.5, TFS, InfoPath Form, SQL Server 2016 RTM, SharePoint Designer 2013, Office 365/online, PowerShell 4.0.

**Chevron, Houston, Texas May 2017-Dec 2017**

***SharePoint Administrator/Developer***

* Installed and configured SharePoint 2016 using Automated script (AutoSPInstaller.bat), Integrated Office Online Server, PowerPivot, and BI functionality.
* Responsible for maintaining and supporting a company-wide information portal built on SharePoint 2013 (on-premises) and collaboration portal (SharePoint Online).
* Responsible for migration of legacy SharePoint platforms onto the SharePoint Online platform.
* Installed and configured PowerPivot (SSAS) & SSRS for SharePoint 2016.
* Worked on Branding components for SharePoint 2016 On-Premises and Online.
* Monitored SharePoint sites with Azure Application Insights, which monitors app availability, performance, and usage.
* Patched Hybrid SharePoint Environment with slip-stream installation.
* Worked on provider-hosted apps, SharePoint-hosted apps, and auto-hosted Apps.
* Migrated SharePoint 2013 WSP Solutions to SharePoint 2016 WSP Solutions.
* Created new solutions and implemented branding components (footer section) using Server-Side Coding and custom coding (JavaScript injection) for SharePoint 2016 and O365.
* Installed and maintained Azure AD and ADFS.
* Used Version control like TFS and Monitoring tools like Fiddler and Network Monitor to verify the logs on servers.
* Ensured integrity and security of SharePoint data by Information Systems security policy and used Dynatrace and Perfmon application monitoring tools.
* Developed multiple custom workflows using SharePoint Designer and custom browser forms using Info Path Designer.
* Worked on developing Employee Directory site collection using KQL to display the employee profiles.
* Implemented complex validations in InfoPath form to fulfill client requirements. Also queried user profile web service to retrieve user login information, user personal, and work-related details, including manager for the approval workflow process.
* Established, documented, and validated SharePoint backup, recovery, standards, and process.
* Performed SharePoint central site administration and management of site collections and content databases, and assisted SharePoint development staff with application architecture, design, implementation, and processes.
* Developed Nintex workflow for business processes.
* Experience using Adobe Photoshop to design HTML, CSS, JavaScript, and image files for brand SharePoint sites.
* Developed code with the various K2 APIs/SDKs to extend the platform and create reusable components.
* Written technical documentation.

**Environment**: SharePoint 2016/2010, AutoSPInstaller, MS Project Server, WSS 3.0, IIS 7.5, TFS, InfoPath Form, SQL Server 2016 RTM, SharePoint Designer 2013, Windows Server 2016, Office 365/online, C#, PowerShell 4.0, Photoshop CC.

**Client: Employees Retirement System of Texas, Austin, Texas. Jan 2016- May 2017**

***SharePoint Administrator***

* Performed SharePoint 2016 Installation, configured enterprise service applications like search User Profile, managed metadata using AutoSPInstaller, integrated Office Online Server and Microsoft Identity Manager (MIM) 2016.
* Responsible for migrating SharePoint 2010 content and solutions using Metalogix Content Matrix to SharePoint 2016.
* Actively involved in planning migration strategy and used Metalogix essentials for O365 to migrate SharePoint 2007 content to SharePoint Online.
* Created a Governance plan outlining the administration, maintenance, and support of SharePoint Online.
* Responsible for identifying SharePoint remediation tasks and completing them for a smooth & successful migration.
* Ensured integrity and security of SharePoint data by Information Systems security policy and used Dynatrace application monitoring tool.
* Responsible for supporting and maintaining 2010/2016 Level 3 & 4 environments. Analyze usage, identify performance issues, and maintain system health and business continuity.
* Developed multiple custom workflows using SharePoint Designer and custom browser forms using Info Path Designer.
* Actively involved in planning migration strategy and used Metalogix essentials for O365 to migrate SharePoint 2007 content to SharePoint Online.
* Used DocAve Replicator for migrating Lotus Notes to SharePoint.
* Developed the form template to trigger a Sequential Workflow for approval and track the status using NINTEX.
* Established, documented, and validated SharePoint backup, recovery, standards, and process.
* Performed SharePoint central site administration, managing site collections and content databases, and assisted SharePoint development staff with application architecture, design, implementation, and processes.
* Created browser-compatible forms using InfoPath forms and deployed them to Form Library in SharePoint Sites.
* Built and maintained business process automation using K2 smart forms and K2 workflows.
* Assisted and supported end-users with all SharePoint-related issues as necessary, promoted user adoption, and enforced enterprise governance policies.

**Environment**: SharePoint 2016/2010, AutoSPInstaller, MS Project Server, WSS 3.0, IIS 7.5, K2 BlackPearl, Nintex, SQL Server 2016 RTM, SharePoint Designer 2013, Windows Server 2016, Office 365/online, PowerShell 4.0.

# Education

## Ph.D in Information Technology|Anticipated Graduation - Dec 2025|University of Cumberlands

## MASTER’S IN SOFTWARE ENGINEERING|2015|UMASS

## Bachelor’s in Electronics and communication engineering | 2013 | jntu-H