Tommy Anantasomboon

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EDUCATION

The University of Texas at Dallas (UTD)
B.S. Electrical Engineering   May 2019

WORK EXPERIENCE

RSM US LLP - Dallas, TX   June 2022 - Present
Innovation Digital Solutions Analyst

- Manage 25+ SharePoint sites and libraries, ensuring seamless data organization and user access
- Automated business processes using PowerApps and Power Automate, reducing 1,000+ hours of manual work per month and improving operational efficiency by following agile methodologies
- Developed and maintained PowerApps solutions with Dataverse, enabling better data visualization and workflow automation
- Built over 10 scalable Power Platform solutions that seamlessly integrate with database systems like SharePoint using custom APIs, enhancing data flow and system interoperability across the organization
- Developed scalable PowerApps applications integrated with Microsoft Teams for in-app data submission and approvals.
- Leveraged Azure Active Directory to create unique user profiles within Power Apps and Power Automate solutions, enabling robust data governance and access control measures following DLP
- Provided Microsoft 365 support for automation assets handling incident resolution, escalations, and troubleshooting in coordination with the IT Service Desk teams
- Designed SharePoint document management systems, improving data retrieval and reducing search times
- Implemented data protection strategies in cooperation and compliance with IT Security Teams
- Conducted gap analysis on existing Power Platform solutions, identifying inefficiencies and proposing optimizations
- Led UAT testing and quality assurance processes, ensuring software reliability and security
- Created knowledge articles and self-help guides for platform automation tools, reducing support ticket volume
- Assisted in database management tasks, including data entry, integrity checks, and routine maintenance for test data
- Maintained the health, performance, and reliability of enterprise applications as the L3 technical lead, managing ServiceNow tickets to resolve issues and ensure seamless functionality across the organization
- Leveraged .NET and Azure to create APIs in C#, integrating seamlessly in Power Automate via customer connectors.

Texas Instruments - Dallas, TX   April 2020 - Jun 2022
Test Engineer II - High-Speed Signal Conditioning

- Developed automated test programs using Python and IGXL, optimizing test cycles by 8-10%
- Conducted data analysis to improve test coverage, achieving a 2-3% increase in recovery rate
- Collaborated cross-functionally to analyze, troubleshoot, and optimize test data, improving defect detection
- Managed hardware integration projects, coordinating with vendors to design and develop custom test boards
- Followed SDLC best practices, managing key deliverables throughout the development and testing phases

Texas Instruments - Santa Clara, CA   June 2019 - April 2020
Test Engineer - Sustainability/AEO

- Performed failure mode analysis on customer returns, using Python-based data processing for root cause identification
- Conducted data analysis and reporting to support failure analysis and compliance initiatives
- Documented test system issues and resolutions, creating knowledge base articles for team-wide knowledge transfer
- Assisted in software design reviews, ensuring test requirements were met for data-driven analysis

First Company - Mesquite, TX   August 2018 - May 2019
Project Engineer Intern

Certifications

PL-900 - Power Platform Fundamentals | Microsoft   January 2025

SKILLS

Languages: C#, Python, Visual Basic, PowerFX, HTML/CSS
Frameworks & Tools: ASP.NET MVC, .NET Framework, Identity Framework, GitHub, Bootstrap, Azure, PowerApps, Power Automate
Databases: SQL Server, SharePoint