Gil Tolley

Data Analyst

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PROFESSIONAL SUMMARY

Data Engineer and Analyst with 18+ years of experience in system administration, software development, and data analytics. Adept at designing scalable data models, automating workflows, and optimizing data pipelines to support business intelligence and decision-making. Strong expertise in Python, PowerShell, SQL, AWS, PowerBI, and automation tools. Passionate about leveraging data engineering to drive insights and operational efficiency.

TECHNICAL SKILLS

Programming & Data Processing: Python, PowerShell, SQL, Bash, C#, C++, JavaScript

Data Engineering: ETL pipeline development, Data modeling, Data warehousing, API integrations

Cloud & Infrastructure: AWS (S3, Lambda, RDS, API Gateway, CloudFront), Azure, Google Cloud

Automation & DevOps: CI/CD, Docker, Kubernetes

Business Intelligence & Visualization: Power BI, PowerApps, SQL Server Reporting Services, Excel

Cybersecurity & Compliance: Identity and Access Management (IAM), Risk Assessment, Data Governance

EXPERIENCE

Data Analyst *November 2018 – Present*
Holy Rosary Credit Union

- Developed SQL-driven reports and dashboards to support executive decision-making, including demographic analysis, service utilization, and geographic member distribution.
- Automated the import of student loan data from third-party providers into the bank's data warehouse using SQL, PowerShell, and ARCU.
- Designed and implemented a CRM data integration pipeline using SQL, PowerShell, PowerApps, and SharePoint to enhance Lending department operations.

Solutions Architect (Owner) *April 2017 – Present*
GTPCRX

- Designed and deployed serverless cloud architecture for personal and client websites using AWS S3, Lambda, API Gateway, and CloudFront.
- Developed a secure website management system for clients, implementing restricted access for company personnel.

Software Developer *March 2018 – November 2018*
Precision Valley Communications

- Developed Python-based data ingestion pipelines for geolocation software, processing and uploading latitude/longitude data via API.
- Led the development of an employee timecard application using OutSystems low-code platform.

Systems and Network Administrator *June 2017 – March 2018*
Ascentium Capital

- Automated user provisioning with PowerShell, improving onboarding efficiency.
- Conducted a comprehensive IT inventory audit, improving asset management.
- Diagnosed and resolved a network-wide intermittent outage caused by WiFi loopback errors, ensuring stable VoIP performance.
- Reconfigured Cisco networking equipment to implement VLANs and QoS for improved network stability.

Desktop Support Specialist *August 2015 – June 2017*
Service Credit Union

- Led a company-wide desktop refresh, coordinating hardware upgrades with minimal downtime for a 24/7 contact center.
- Implemented SCCM-based Windows Update and software deployment strategies, streamlining IT maintenance.
- Developed and optimized the desktop imaging process, ensuring rapid and reliable workstation deployments.

EARLY CAREER

Helpdesk Technician ❖ **Back Bay Networks** ❖ *2013 – 2015*
- Managed over 1,000 Active Directory and Exchange accounts.
- Led migration from SCCM 2012 R2, improving system deployment efficiency.

Lead Technician ❖ **Sprint by iMobile** ❖ *2010 – 2012*
- Supervised technical repairs and streamlined inventory processes for a flagship store.

EasyTech Associate ❖ **Staples** ❖ *2007 – 2010*
- Launched the EasyTech program, specializing in desktop diagnostics and repairs.

EDUCATION

UNH Franklin Pierce School of Law
Juris Doctor (J.D.) | Completed August 2024
- **GPA:** 3.28
- Governor, Student Bar Association
- Treasurer, American Constitution Society

Daniel Webster College
Bachelor of Science (B.S.) in Computer Science | Completed May 2010
- **GPA:** 3.66
- President's List, Alpha Chi National Honor Society, Peer Tutor
- Software Engineering Internship, DEKA Research and Development (Manchester, NH)

CERTIFICATIONS

Intellectual Property Law Certificate *Completed 2024*

Associate OutSystems Web Developer *Completed 2018*

AWS Solutions Architect Associate *Completed 2018*

Microsoft Windows Server Administration – MTA *Completed 2017*