

# Dylan Rose

SOFTWARE DEVELOPER | DATA ANALYST

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Growth-oriented Software Developer & Data Analyst possessing experience in automation and app development with Microsoft Power Platform, data analytics, database design and management, and IT Management in the Microsoft Ecosystem. Certified Internet Web Professional possessing both a CIW Data Analyst Certification and MTA Certification in Software Development.

## Technical Skills

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|-----------------------------|--|---|
| <b>Data</b>                 | <ul style="list-style-type: none"><li>• Data wrangling and ETL with SQL / python</li></ul>   | <ul style="list-style-type: none"><li>• MS Access database development</li></ul>  |
| <b>Analytics</b>            | <ul style="list-style-type: none"><li>• Advanced Excel automation with VBA and Office Scripts</li><li>• Dashboards and Visualizations in PowerBI, Tableau, Excel</li></ul>                     | <ul style="list-style-type: none"><li>• EDA with Jupyter Notebooks</li><li>• Machine learning with scikit-learn</li></ul>                                       |
| <b>Software Development</b> | <ul style="list-style-type: none"><li>• Microsoft Power Apps development</li><li>• Back-end programming &amp; database integration</li><li>• Development with Python, JavaScript, C#</li></ul> | <ul style="list-style-type: none"><li>• Web apps / REST APIs</li><li>• Advanced Power Automate flows</li><li>• Data interchange processing (JSON/XML)</li></ul> |

## Experience

### Software Developer | Data Analyst

Sonitrol of Orange County

December 2022 - Present

- Developed mobile portal in Power Apps to improved scheduling and coordination between manager and technicians.
- Improved labor efficiency by automating sales process, commission calculations, and manager approvals with Power Automate.
- Maintained Access financial/accounting database - repaired outdated SQL Queries, forms, and reports.
- Built automated job labor reports and ETL pipeline with Python / REST API to query QuickBooks time for reporting in PowerBI.
- Managed company SharePoint, Power Apps, Power Automate flows, Microsoft Admin Center, and Microsoft Exchange server.
- Maintained Data Integrity of CRM and Microsoft SQL database.

### Team Lead

Kaman Industrial Technologies

April 2021 - May 2022

- Managed daily workflow for team by running sales reports and allocating jobs to warehouse staff.
- Issued updates and corrections to POs with SQL Server-based MICA business system.
- Tracked & investigated inventory discrepancies with ISQL command-line reports.
- Performed various managerial duties, led team in daily meetings, maintained operations, redirected labor as needed.

### Administrative Assistant

National Commission for the Certification of Crane Operators

July 2019- February 2021

- Managed client data with Microsoft Dynamics 365 CRM software.
- Automated routine processes with Excel macros and VBA.
- Developed goals and KPIs during formation of a new team.
- Standardized and documented operational processes in training & procedures manual.
- Developed system for tracking quarterly revenue and expenses utilizing excel macros.

## Education

### Bachelor of Science - Data Analytics

Western Governors University

June 2019- March 2025

## Certifications

### MTA Certification in Software Development

Microsoft

October 2020

### Certified Internet Web Professional - CIW Data Analyst

CIW

October 2022



Portfolio

<https://dwrdata.com>