MARTIN NOAH

LOCATION: Northern NJ
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SUMMARY

Technology professional experienced in SharePoint/Microsoft365 administration, Power Platform developer, web/application development, business and data analysis, and the development and implementation of software tools. I am driven by working with teams to find amazing solutions and automations for business processes.

EXPERIENCE

Sr. Director, Creative Technology, The Arc of Essex County, Inc.   April 2020 - present
Livingston, NJ

SharePoint/Microsoft365 Administrator
- Architected a brand-new SharePoint online environment. Planned, organized, and executed an agency wide migration from on-premises file servers. Lead transition from local AD to Azure AD with adoption of MDM and endpoint management.

Application Development
- PowerApps: developed numerous applications with the MS PowerApps platform, including a Covid-19 tracking app, a finance/housing app to manage consumer financial and lease data, and a QI Site Inspection tool. Experienced with both Canvas and Model-Driven applications and implementation of Power-BI reports and dashboards.
- Covid Testing Web App: built and deployed this internal full-stack application, allowing staff/users to submit weekly Covid-19 testing results through mobile photo/document uploads. Built using Django, Bootstrap, and JavaScript/jQuery. Other technologies used: Datatables for table styling and tools, Django 3rd party packages (e.g., django-storages, boto3), AJAX, AWS S3 storage, permissions and role-based views. Developed locally on docker and deployed to Heroku.
- Applicant tracking system: designed a bespoke Airtable applicant tracking system gluing together several resources with native and REST API integrations, including an HRIS, Airtable, Jotform, TextMagic, and SharePoint.
- APIs and Microservices: developed various projects and automations using the Power Automate platform, including consumption of REST API endpoints to bring external data into the organization and optimize workplace inefficiencies. Incorporated Azure Functions to extend capabilities of the Power Platform.

Director, Database Management, SCARC, Inc.   March 2010 – April 2020
Augusta, NJ
- Administrator of third-party SaaS AWARDS & Link2Feed databases. Completed training, implementation, compliance and quality assurance of 300+ staff and 300+ clients in the daily recording of services documentation, staffing, billing, and general operations.
- Responsible for data scrubbing and analysis of agency data for quality assurance and fraud prevention.
- Created an auditing and quality assurance program with python to check EHR documentation for fraudulent issues prior to claims generation/billing.
- Developed an Excel Billing Data File for middle managers which uses VBA and data analysis to check for errors in billable documentation before administrative review.
- Developed a Claims Re-adjustment Python web scraping program to automatically post data to third-party software vendor to adjust 9,000 claims that would have otherwise have to be adjusted manually, one at a time.
- Medicaid Eligibility Program - Excel VBA to scrape NJ state website for Medicaid eligibility data and save PDF to network.

- Google Sheets API - automated tool to analyze data and send an email reminder with data from Sheet
- Google Maps API - interactive map of service locations with description and picture.

Other   n/a

AuthTable.com
- Built a Django SaaS web app that reads, stores, and builds tools and automations for client service authorizations. Technologies used: Django, HTMX for flavorings of user interactivity, Python regular expressions for reading user uploaded PDFs, Pandas for data table manipulation.

AuditAide.com
- Built a Flask SaaS web app that performs data scrubbing and analysis of a user's uploaded file. The app searches for fraudulent Medicaid data. Technologies used: Flask, PostgreSQL, JavaScript/jQuery, Pandas.

MartinNoah.com
- Personal/professional blog with tutorials and how-tos, including a popular tutorial on using the SharePoint REST API with Python.

SKILLS

• **Python**	• **SharePoint Online Administration**	• **Power App development**
• **Django/Flask**	• **Microsoft365 Administration**	• **Automations (Power Automate, Zapier, Azure Functions)**
• **Rest APIs**	• **Azure AD**	
• **Micro Services**	• **CLIs (cmd, PowerShell, bash)**	

EDUCATION

Bachelor of Arts, *summa cum laude,* Social Science

Ramapo College of New Jersey

-R & N Family Scholarship & Joyce Beiner Scholarship Recipient, 2014
-Dean's List, 2009 & 2013