

# Michael M. Fawehinmi

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## PROFESSIONAL SUMMARY

*Data analytics data engineer driving impactful business decisions and automated process improvements. Advanced knowledge of BI tools, programmatic analysis, and data system integrations. Excellent communications skills and proven leadership abilities.*

- 7+ years of professional experience in big data analytics, demonstrating a strong interest in Data Science and Computer Vision.
- Accomplished in the field of analytics visualization, delivering simple user interfaces that provide key stakeholders with timely actionable insights.
- Proficient in developing end-to-end analytic pipelines at scale and creating automation tools using Python and SQL.
- Proven track record as an innovative problem solver, leveraging cutting-edge technology to solve complex business challenges in a fast-paced development environment.

## PROFESSIONAL EXPERIENCE:

**NetApp**, Waltham MA (remote)

January 2024 – Present

**Senior Data Engineer** (contract)

- Integrated SuccessFactors, Fieldglass, Eightfold, and Visier into One Model using various protocols and data connectors such as SFTP and API.
- Developed and documented requirements for data integration, collaborating with internal business stakeholders, system representatives, and data engineers to ensure alignment with project objectives.
- Implemented secure access roles and ensured data security within One Model, validating data architecture for reliability and integrity.
- Led efforts to validate data architecture and ensure the security and authorization of unique user access roles within One Model.
- Configured Google Maps API for employee back-to-office policy, leveraging Python and Google Map API traffic models to measure distance and commute times

**Salesforce**, Boston, MA (remote)

January 2023 – December 2023

**Lead Python Developer** (contract)

- Developed comprehensive data validation tool using Python and led quality assurance efforts for Workday data conversion project
- Built full-scale native-application for data conversion efforts to reduce human error and error handling mechanisms to provide actionable feedback on validation failures
- Developed requirements for integration of workforce data and implemented performance metrics to ensure reliability of data transfers
- Implemented Workday REST-API, Web Services data pipelines for large-scale data integration, processing, and transformation
- Collaborated with stakeholders to ensure alignment with business objectives, rule-based logic and specific data requirements

**Novanta Corporation**, Bedford MA (remote)

January 2021 – Present

**Senior Data Engineer** (full-time)

- Developed and documented Workday data integration between HRIS and Snowflake using REST APIs (Workday: Web Services; Workday Public API)
- Designed dynamic toolset comprised of business-focused, statistical, and algorithmic models for data-driven decision-making using Python
- Created comprehensive reporting library for C-suite and CHRO with interactive and user-friendly interface using PowerBI
- Implemented workforce planning and financial models to effectively capture the monetary impact of human capital movement
- Created a platform for dynamic business-level sensitivity analysis to monitor capacity planning and human capital demand

**Global Atlantic Financial Group**, Brighton, MA (remote)

April 2018 – December 2021

**Shared Services Data Engineer | Senior Data Analyst** (full-time)

- Evaluated various software systems to replace or enhance HR processes; reviewed designs and vendors that effectively integrate with existing systems and infrastructure.
- Developed predictive models using GLM, GLMM, SARIMAX to forecast company and department attrition and overall growth using Python and Tableau
- Defined and built REST-API endpoints for the integration of internal data with various web-based applications (Greenhouse, Workday, SuccessFactors)
- Responsible for automation and monitoring of predictive model lifecycle including version control, model performance, and model drift analysis
- Developed stakeholder relationships to effectively plan for workforce needs and identify strategies and solutions that drive automation and centralization of HR processes
- Fully automated ingestion, processing, and reporting of macroeconomic data from the Bureau of Labor Statistics and John Hopkins(COVID-19)
- Acted as a liaison between the HR, IT teams and vendors. Lead and facilitated biweekly cross-functional team meetings between HR Support and IT

## EDUCATION

**Worcester Polytechnic Institute**, Worcester, MA

Master's in Data Science | Pioneering Program (currently enrolled), Completed in Fall 2023

**Relevant Coursework:** Data Analytics and Mining, Statistical Methods for Data Science, Deep Learning and Machine Learning, Database Management Systems, Bayesian Statistics, Applied Multivariate Statistics

**Bentley University**, Waltham, MA

Bachelor of Science in Finance with Concentration in Capital Markets, Completed in Spring 2018

**Relevant Coursework:** Quantitative Portfolio Management, Advanced Probability and Statistics, Advanced Financial Modeling, Advanced Concepts in Programmatic Modeling

## CERTIFICATES & SKILLS:

Database Architectural Development; Data Analytics Certificate(x3); APIs; Web Scraping; Machine Learning; Bayesian Statistics; Gaussian Process; Agile/ Waterfall; Python (Pandas, Scikit-learn, Numpy, Scipy, Statsmodel, Tensorflow, Matplotlib, etc.); Tableau; Power BI, Hadoop; Spark, Microsoft Dynamics; R; C#; APIs; Data Mining; FTP/ SFTP; Kiteworks SQL; Control-M; Beacon; Amazon Azure; AWS S3 Bucket; Microsoft Office; Workfront; MS Azure; Alteryx