

Michael Salvatore

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Skills

Languages / Technologies: Python, JavaScript, PostgreSQL, MongoDB, HTML, CSS

Frameworks / Libraries: React, Redux, Flask, Django, Node.js, Pytest, SQLAlchemy, Sass, Tailwind

Tools: Docker, FlywayDB, Firebase, Vite, Git, Vscode

Professional Experience

MUFG

New York, NY

Software Engineer, Vice President

May 2022 – Sep 2023

- Designed and developed microservices for an automated business intelligence data platform utilizing Python, PostgreSQL, Docker and Openshift.
- Lead the design and development of microservices for Workday integration to deliver high value insights based on organizational hierarchies tied to the status of project deliverables, milestones and KPIs.
- Refactored multiple microservices using PostgreSQL query strings to use SQLAlchemy ORM for increased development speed, testability, maintainability, reusability and error handling.
- Collaborated closely with stakeholders and the product manager to ensure alignment and facilitate the execution of high priority deliverables.

MUFG

New York, NY

Software Engineer, Assistant Vice President

July 2019 – May 2022

- Owned and executed data visualization products end to end from backend microservices development to the creation of data visualizations implemented in Tableau and Power BI.
- Created dozens of database views incorporating complex data analytics including common table expressions, window functions, PostgreSQL functions and sub queries.
- Implemented Pytest unit/integration testing and assisted with continuous integration/development pipeline integration.
- Onboarded and mentored new team members, provided code reviews and conducted knowledge transfer.

Education & Certifications

New York Code + Design Academy

New York, NY

Software Engineering 14-week full-time program

2018

Salve Regina University

Newport, RI

B.A. – Majors in Psychology & Business Administration

2012 – 2016

Azure Fundamentals, [Microsoft](#)

2022

Front End Libraries, [freeCodeCamp](#)

2019

Personal Projects

- **Devlinks:** (Typescript, React, Tailwind, Firebase) Link sharing app for developers.
- **Pro Football Metrics:** (Django, PostgreSQL, Celery, Redis) Web scrape and display NFL metrics.
- **Various Single Page Applications** built with React found on my [Portfolio Page](#).