

13 Newkirk Avenue, East Rockaway, NY 11518

**(Cell):** 516-524-2970

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**TECHNICAL SKILLS**

**Programming Languages**

 ***Competent:*** HTML/CSS, JavaScript, Perl, PHP, Python

 ***Familiar:*** C, C++, Java, Objective C, Shell Scripting

**Tools and Libraries**

 ***Competent:*** AWS, Docker, GCP, git, Github, Homebrew, MySQL, PostgreSQL

 ***Familiar:*** Bootstrap, Django, jQuery, Kubernetes, MQTT, Node.js, SQLAlchemy

**Skills**

 ***Competent:*** Automation, Agile Methodologies, Code Reviews, Documentation, Pair Programming, Training

 ***Familiar:*** Leadership, Project Management, System Architecture, Unit Testing

**PROFESSIONAL EXPERIENCE**

**Paramount** (formerly ViacomCBS, CBS Interactive), New York, NY

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|  ***Senior Python Software Engineer*** | September 2019 – Present |

* Established FastAPI web application API on top of cloud account asset database for 400+ AWS/GCP/Github organizations
* Augmented web application delineating organizational cloud usage of $2.5 million monthly
* Authored internal architecture for authentication and credentials collection for CloudQuery asset population
* Redesigned frontend to utilize API endpoints for dynamic budget reporting pages on cloud utilization
* Streamlined asynchronous tasks for ingesting report files using Pandas and BigQuery
* Strengthened external dependency structure and security postures using Poetry, Snyk, and Github dependabot
* Engineered internal web application homepage for inner sourced applications with Okta login
* Targeted minor infrastructure-as-code changes using Terraform

**Percolate**, New York, NY

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|  ***Sr. Technical Services Engineer*** ***Technical Services Engineer*** | August 2018 – August 2019January 2017 – August 2018 |

* Provided third party clients development methods to utilize proprietary API calls
* Refactored asset migration process into multiple Python class object-oriented modular undertaking
* Created repeatable approaches for importing and exporting client data objects with Python scripts
* Architected automation database orchestrator using SQLAlchemy for systematic migration and update tasks
* Identified areas in both internal and external API documentation necessary for refinement

**Karhoo**, New York, NY

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|  ***Python Developer*** | December 2015 – November 2016 |

* Responsible for integration with major third party taxi and livery dispatch systems for 30,000 US vehicles
* Produced and maintain comprehensive technical integration questionnaire and API documentation
* Served as local technical lead in the absence of development manager
* Mentored three engineering interns with code reviews, architecture planning, and project management
* Increased fleet onboarding efficiency for professional services team process with custom Django views and admin controllers
* Correlated testing and integration procedures with QA engineers to ensure successful testing
* Composed sustainable documentation with Postman libraries on integration calls

**Ogilvy & Mather**, New York, NY

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|  ***Software Engineer, Neo@Ogilvy*** | May 2014 – October 2015 |

* Automated ETL jobs for acquiring reporting data from third parties for multiple clients using Talend
* Replaced Talend jobs and components with object oriented Python classes utilized by scripts
* Communicated with internal customers concerning data requirements, processes, and quality
* Consulted on implementation direction of new Hadoop architecture developed offshore against current procedure

**MediaMath**, New York, NY

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|  ***Software Developer - API*** | July 2012 – April 2014 |

* Designed, developed and maintained components of a large back-end web application regulating $100 million annually
* Quantified and improved test coverage and system performance
* Provided input and feedback for sprint planning and task estimation
* Participated in code reviews and design sessions with other team members
* Represented team work for development of HTML5 user interface
* Created SQL process to update 10000+ records from CSV file regulated through Perl in one process

**Michael C. Fina**, Long Island City, New York, NY

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|  ***Web Developer, Customer Facing Technology*** | May 2011 - June 2012 |

* Developed websites using Interchange server and Perl utilizing Rose::DB
* Reviewed code and migration scripts for version control using git
* Migrated configuration data of 500+ clients across PostgreSQL databases
* Constructed reports and other special projects as needed and directed by manager

**Lockheed Martin, Information Systems & Global Services**, King of Prussia, PA

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| ***Systems Engineer Associate*** | August 2008 - August 2010 |

* Coordinator of Technical Resource Center handling facilities and technology matters
* Regulated request forms for budgeted amounts for University Relations totaling over $1,000,000
* Assigned for temporary regulation, communication, and handling of website protocol
* Compiled realtime survey results for offsite data technology conference presentations
* Prepared and delivered weekly short speeches (3-5 minutes) on miscellaneous topics
* Instructed an eight week Perl self study group with PowerPoint lectures and example exercises

**Citigroup CIB/Corporate Desktop Support,** New York, NY

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| ***Systems Administrator/Technology Intern, CIB*** | Summers, 2005 & 2006 |
| ***Systems Administrator/Technology Intern, Corporate*** | Summer 2007 |

* Provided support to professional group in resolving virtual trouble-tickets and software/service requests
* Set up new computers out of box for use on Citigroup network
* Developed administrative tool for selecting of available network computer names for domain
* Distributed upgrades of Windows operating system, Microsoft Office Suite, and Blackberry software

**EDUCATION**

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| **Rensselaer Polytechnic Institute (RPI)**, Troy, New York | May 2008 |

Dual Major B.S. Degree in Computer & Systems Engineering and Computer Science | Minor in Electronic Arts

**PORTFOLIO**

Personal portfolio summary available at [http://www.mvbattista.com](http://www.mvbattista.com/)

Public GitHub page: <https://github.com/mvbattista>

Lecture at PyGotham 2018: <https://www.youtube.com/watch?v=3hPfJiuL-Ak>

**PROFESSIONAL REFERENCES**

LinkedIn Profile: <http://www.linkedin.com/in/mvbattista>

Multiple professional references available upon request.