

IRVING MARTINEZ

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SUMMARY

Highly motivated and accomplished **Software Engineer** with 6+ years of industry experience. Expert in developing and deploying robust applications with full unit test coverage. Experienced in troubleshooting, debugging, and reporting RCAs. Able to design, build, and maintain large, scalable systems. Proactive and reliable leader who takes ownership of products and projects with a strong willingness to provide support, adhering to strict delivery schedules and Agile practices.

SKILLS

- Expert in building, maintaining, and deploying **Python 2** and **Python 3** applications
- Expert with **Git**, **GitHub**, and **Bamboo** to manage version control and deployments
- Expert in **BASH** scripting and querying **GrayLog** as well as querying **MYSQL**, **MS SQL**, and **DB2** databases
- Experience with implementing queue-based solutions that work with **RabbitMQ**
- Experience with **Flask** to create **RESTful APIs** as well as **Swagger** to retrieve data points from staging and production databases
- Experience programming in **Java**, **.NET**, and **C#**, as well as **HTML**, **CSS**, **JavaScript**
- Excellent Google search skills leveraging search engine syntax to produce accurate results
- Fast learner and highly organized and capable of multitasking while exhibiting high levels of project coordination and control
- Excellent communication skills with the ability to collaborate effectively with cross functional teams

EXPERIENCE

Software Engineer – Optum Financial

May 2021 – Current

- Design and implement custom software solutions to onboard new clients to achieve revenue goals
- Modernize legacy applications to improve security, reliability and scalability of systems
- Provide support for Account Executives, Production Support, and Call Center teams by resolving reported failures
- Develop and support tools for Production Support, Implementation, and QA departments
- Collaborate with Product Owners, DevOps, Architect, and other Engineers to discuss new solutions
- Train new team members on current systems ensuring they are self-reliant and resourceful

QA Engineer – VPay, Inc

March 2019 – May 2021

- Performed end-to-end testing verifying Python and .NET applications, web services, as well as MySQL, MS SQL, and IBM DB2/iSeries table updates
- Led coordination of testing efforts in staging and production environments by collaborating with stakeholders
- Automated testing processes with Python/Selenium apps, the .NET/SpecFlow framework, and bash scripts

Treasury Automation Specialist – VPay, Inc

March 2017 – March 2019

- Significantly reduced department labor costs by automating accounting operations
- Programmed software to balance MasterCard's data sets against internal iSeries database records
- Automated report generation in Tableau to aggregate data spanning different databases and external files
- Trained others on my scripts to automate day-to-day operations and reduce hours of manual labor

TECHNICAL PROJECTS

- GitHub Link: <https://github.com/irvingmp6/sweb>
A powerful Web Scraping CLI tool that performs web searches and returns all embedded URLs from the web pages found in the searches. Users can traverse nested child pages allowing them to specify URL patterns to control the navigation. Technologies used: **Python3**, **argparser**, **BeautifulSoup**, **Requests**
- GitHub Link: <https://github.com/irvingmp6/personal-website>
The code that powers my personal website. Technologies used: **Python3**, **Django**, **Requests**, **HTML**, **CSS**, **JavaScript**