

# Jesus Marron

Software Engineer

He/Him/His | Memphis, TN

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## Skills

Python, Go/Golang, Java, Spring Boot, Typescript, Javascript, HTML/CSS, React, Sveltekit, MySQL, PostgreSQL, Microsoft Azure, AWS, CI/CD, Git, Infrastructure-as-Code, APIs, REST, gRPC, Protocol Buffers, Linux (Ubuntu, Debian)

## Experience

**Software Engineer, Blackbaud** - Remote [JUNE 2022 - FEB 2023]

- Leveraged DevOps methodologies to build automated CI/CD processes with Azure Pipelines, Azure Repos, and Azure Artifacts
- Automated testing and code coverage checks with Pester and pytest.
- Led team in developing an automated system to assist with server image management, server commissioning, and server decommissioning efforts in Azure environments and VMware vSphere environments using infrastructure as code tools like Hashicorp Packer and ARM Templates to assist in migration efforts to result in a **\$10 million license cost reduction**
- Contributed to reusable automation scripts, libraries, services, and tools to increase system, network, and security efficiencies using Azure Automation Runbooks with Powershell and Python

**Systems Engineer, The Seam** - Memphis, TN [AUG 2021 - JUNE 2022]

- Maintained and monitored Azure and AWS infrastructure, on-premises Windows and Linux infrastructure, and on-premises MSSQL Server clusters to ensure the availability and reliability of web servers and C#/.NET applications
- Implemented HSTS security configurations and HTTP security headers for web applications resulting in a **30% score increase in a third-party security audit**
- Worked with cross-functional teams to develop and execute complex queries and stored procedures to support business analysis and reporting needs
- Created Powershell and Python scripts to automate tasks, increasing workflow efficiency

**IT Service Desk Analyst, Terminix** - Memphis, TN [FEB 2021 - AUG 2021]

- Handled incoming inquiries and help requests from end-users via phone, email, and Microsoft Teams while maintaining a **98% IT Help Desk SLA**
- Maintained documentation and service records of incidents for future reporting and use
- Created weekly reports from queries in the ticketing system to show ticket workflow over time

## Projects

**go-pixl, [GITHUB LINK]**

- Built cross platform pixel art editing application written in Go with Fyne framework
- Implemented functionality to allow users to select from RGB color picker, save selected colors to swatches, and the ability to draw and erase on the canvas
- Created system to allow users to save created pixel art and load png files from the user's filesystem

**Spotify's "Top 50 - Global" Serverless ETL Pipeline, [GITHUB LINK]**

- Designed and implemented a serverless ETL pipeline using AWS Lambda, S3, and Glue to extract, transform, and load data from Spotify's API into Amazon Athena for analytics
- Developed custom Lambda functions in Python to handle data transformation and cleansing, including parsing and reformatting of JSON and CSV files with libraries like NumPy and Pandas
- Configured AWS Glue to automatically discover and catalog data schema and metadata, reducing manual effort and improving data quality

## Education

**Tech901** - Memphis, TN

*Computer Science, IT Foundations, and Data Analytics* [JAN 2020 - APRIL 2021]

**University of Memphis** - Memphis, TN

*Undergraduate Coursework in Computer Science* [JAN 2014 - DEC 2018]