

Jason V. Delos Santos

 jasond.worked@gmail.com

 [LinkedIn](#)

PROFESSIONAL SUMMARY

Python Full-Stack Developer with over 5 years of experience building end-to-end automation solutions, internal web applications, and data-driven systems. Skilled in developing backend services, interactive dashboards, and business tools using Python, SQL, Dash, and Snowflake to streamline workflows, improve data handling, and increase operational efficiency.

Experienced in full-stack development, process automation, production support, and data engineering-related work, including data extraction, transformation, validation, and integration for reporting and operational processes. Has a strong track record of collaborating with international teams to deliver reliable and scalable internal systems. Also expanding expertise in AI-enabled solutions through prompt engineering, Retrieval-Augmented Generation (RAG), and LLM integration concepts using Amazon Bedrock and OpenAI APIs for practical business applications such as intelligent automation, workflow support, and decision-assist tools.

CORE SKILLS

Programming & Backend

- Python
- SQL
- Django

Automation & Data Work

- Process Automation
- Data Extraction & Transformation
- ETL-style workflows (script-based)
- Snowflake querying and data integration

Dashboards & Web Applications

- Dash (Plotly, Bootstrap)
- Python-based web applications
- Role-based access dashboards
- Internal tools and reporting systems
- React, NextJS, Flask, Angular

AI & LLM (Learning / Hands-on Exposure)

- Hands-on usage of OpenAI APIs
- Deployment of Hugging Face-hosted models (non-local)
- Prompt engineering
- Retrieval-Augmented Generation (RAG)
- Local LLM environment setup (exploratory)

Testing & Quality Assurance

- Automation testing
- Manual testing
- System validation and optimization

Tools & Platforms

- Snowflake
- PostgreSQL
- Git
- AWS (application deployment collaboration)

PROFESSIONAL EXPERIENCE

JPMorgan Chase & Co.

Associate - Process Improvement (Python Developer)

Oct 2023 – Present | Philippines

- Built and maintained end-to-end Python applications to automate internal business processes, covering backend logic, APIs, dashboards, and production support
- Developed full-stack dashboards using React and Dash Bootstrap to manage user access, monitor ticket status, and automate ticket assignment, improving reporting efficiency by ~40%
- Created Python-based web applications to automate data extraction from Snowflake, removing the need for manual SQL queries and saving approximately 5 hours per week
- Automated legacy workflows previously handled in Alteryx and ClickView, significantly reducing manual effort and operational dependency on non-Python tools
- Designed and implemented Python schedulers for automated report generation and delivery across multiple departments
- Collaborated with India-based analytics teams to productionize and schedule automated reporting pipelines
- Automated SAP report extraction using Python Selenium and web scraping due to lack of direct API access
- Built Python pipelines to clean, transform, and upload SAP-sourced data into shared repositories and Snowflake, reducing manual workload by over 90%
- Developed and maintained dashboards integrating SAP data to provide near real-time operational visibility for management
- Supported applications post-deployment, handling enhancements, fixes, and production updates in coordination with DevOps teams via AWS deployment pipelines

Weserv System International Inc. (Fujitsu Philippines)

Application System Engineer

Jan 2021 – Nov 2023 | Taguig, Metro Manila

- Developed a Location Mapping Application using React, Python (Django), and PostgreSQL in collaboration with US- and Japan-based teams
- Built and maintained backend APIs and frontend components to improve location data accuracy and system usability
- Maintained and optimized existing production systems built with Ruby on Rails and JavaScript, resolving bugs and improving application reliability
- Designed and implemented automation testing processes, significantly reducing manual testing effort and release time
- Led manual testing and QA activities, ensuring application stability, functional accuracy, and improved user experience
- Worked closely with cross-functional and international teams to support deployments, fixes, and continuous system improvements

Go Motion Production

IT & Broadcast Engineer

Sept 2016 – Jan 2021 | Makati City, Metro Manila

- Provided end-to-end IT and infrastructure support for a production and broadcast environment supporting editors, colorists, and broadcast staff
- Managed on-premise server infrastructure, including file servers and shared storage used for media production workflows
- Designed and maintained structured cabling and network layout across multiple floors (2nd to 4th floor), including patch panels, switches, routers, and modems
- Deployed and maintained Synology NAS for centralized file storage, backups, and shared access for video editing and production teams
- Administered Active Directory, user accounts, access controls, domains, and internal websites
- Installed, configured, and supported production software including Adobe Creative Suite, Cinema 4D, and related broadcast tools
- Provided technical support for online and offline editors, color grading workstations, and media rendering systems
- Installed and maintained CCTV systems and internal security infrastructure
- Troubleshoot hardware, software, and network issues to ensure uninterrupted broadcast and production operations

ThermaPrime Well Services Inc. — Encoder

July 2015 – Dec 2015 | Pasig City, Metro Manila

- Developed Excel-based database systems with macros, queries, and pivot tables for contractor costing.

GG&A Clubshares Brokers Inc. — IT Staff (OJT)

June 2014 – Oct 2014 | Makati City, Metro Manila

- Provided hardware and software support for Linux- and Windows-based systems.

Jollibee Corporation. — Service Crew

Sept 2009 – March 2010 | Ground Floor Agustin Bldg. Emerald Ave

- Service Crew

EDUCATION

Bachelor of Science in Information Technology

Jose Rizal University — Mandaluyong City, Philippines

2011 – 2015

Computer Technician (2-Year Course)

St. John Bosco Institute of Arts and Science — Mandaluyong City, Philippines

2008 – 2010

PROJECT HIGHLIGHTS

Automated Reporting System for Ticket Monitoring

End-to-end Python-based reporting system that automatically tracks ticket status (missed, completed, pending).

Includes backend data processing, scheduled report generation, and dashboard visibility, significantly reducing manual monitoring and improving operational transparency for managers.

Dynamic Dashboard with Automated Ticket Assignment

Developed a full-stack internal web application using Python and Dash (Bootstrap) to manage user access and automatically assign tickets based on defined business rules. Also explored the use of Amazon Bedrock and OpenAI models to support AI-driven logic, prompt-based recommendations, and intelligent automation use cases. The solution improved workload distribution, reduced manual assignment efforts, and provided real-time visibility for team leads and managers.

Location Mapping Application

Web-based application developed using Python (Django), React, and PostgreSQL to manage and visualize location data.

Built in collaboration with international teams, improving location tracking accuracy and operational data management.