

PATRICK VILLANUEVA

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PROFESSIONAL SUMMARY

Computer Engineering graduate with hands-on experience in data analytics, data visualization, and modern web development. Skilled in Python, SQL, Tableau, Next.js, Supabase, and AWS, with experience delivering scalable, data-driven solutions.

TECHNICAL SKILLS

Programming & Data: Python (Pandas, NumPy, Matplotlib), SQL

Frontend: Next.js, HTML, CSS, JavaScript

Backend & Cloud: Supabase, AWS

Visualization & BI: Tableau, Microsoft Excel (Pivot Tables)

Tools: Jira, XAMPP

PROFESSIONAL EXPERIENCE

Data Analyst – Accension | BGC

April 2025 – September 2025

- Led end-to-end data cleaning, validation, and quality assurance of enterprise datasets.
- Collaborated with Technical Consultants to clarify data requirements and deliver insights.
- Utilized Excel, Jira, and internal tools to maintain reliable data workflows.

Intern – HYTEC Power Inc. | Novaliches, Quezon City

April 2024 – May 2024

- Assisted with data analysis and report preparation for internal projects.
- Identified potential buyers for showcase products through data-driven evaluation.
- Supported project documentation and ensured accuracy of collected information.

PROJECTS

Web-Based Booking System | 2025

- Built a scalable booking system using Next.js for the frontend and Supabase for backend services.
- Implemented authentication, database operations, and real-time data handling via Supabase.
- Deployed and managed the application using AWS cloud infrastructure.
- Focused on performance, security, and responsive UI for production use.

Data Visualization Using Tableau | 2025

- Designed interactive dashboards to analyze KPIs, trends, and correlations.
- Delivered insights through clear visual storytelling to support decision-making.

EDUCATION

Bachelor of Science in Computer Engineering

Holy Trinity University