

# Denzel Anjelo D. Concepcion

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## Relevant Experience

### Data Analyst

Pasig City

Hi-Tech Smart Solutions

August 2025 - Present

- Reduced client report generation time by 40% by automating both routine and ad-hoc reports using Python and pandas for fintech and banking clients.
- Prepared, cleaned, and processed 10,000+ endorsed accounts daily with SQL, Python, and Excel for CRM uploads, improving operational efficiency.
- Automated preparation of 20,000+ client accounts daily with email templates, providing ready-to-send outputs for the digital collections team and accelerating follow-ups.
- Developed and maintained automated dashboards with Google Sheets API and Looker Studio, delivering daily, weekly, and monthly updates and real-time payment tracking per agent.
- Enhanced collection operations by analyzing agent performance and building scripts to track Promises to Pay (PTP), reducing manual effort and improving follow-up accuracy.
- Streamlined payment processing by designing a data entry system handling 100+ daily transactions, improving accuracy and operational workflow.

### Software Quality Assurance Intern

Pasig City

Tangent Solutions Inc.

February - April 2025

- Performed functional and regression testing on the company's POS and web applications, ensuring stability across key user workflows.
- Developed and executed automated test scripts in Python and Excel to reduce repetitive manual test cases.
- Utilized Serial Port Utility to validate device communication and data integrity during hardware integration testing.
- Collaborated with QA and development teams to log, track, and resolve bugs using Agile and SDLC methodologies, improving release quality and turnaround time.

## Technical Skills

**Programming:** C++, Python, Java, HTML & CSS, JavaScript, PHP, C#

**Frameworks/Tools:** Flask, React.js, Bootstrap, Git & GitHub, Visual Studio Code

**Databases:** MySQL, SQL

**Design:** Figma, Canva

**Others:** Microsoft Excel

## Projects

### Facial Skin Recommendation System | Python, Flask, Javascript

- Built a web app for real-time facial skin analysis using webcam input and an EfficientNetB2 model trained on 10,000 images (achieved 87% accuracy).
- Integrated a content-based recommendation engine to suggest personalized skincare products.
- Developed a clean Flask backend with real-time inference optimized for low-latency predictions.

### Inventory & Sales Management System | Java, MySQL

- Developed a Java-based inventory and sales system with live stock monitoring and automated low-stock alerts.
- Implemented a Naive Bayes algorithm for sales forecasting to assist decision-making.
- Reduced manual inventory work by automating tracking through MySQL database operations.

## Education

**Technological Institute of the Philippines — Quezon City**

**BS in Computer Science (Specialization in Data Science)**

GPA: 1.62 • Dean's Lister (Multiple Semesters) • President's Lister 2022–2023

**Relevant Coursework:** Software Engineering, Data Structures & Algorithms, Data Science

Quezon City

June 2021 - May 2025

## Certifications

- GitHub Foundations | DataCamp
- Introduction to Python | DataCamp
- Data Analytics Essentials | Cisco

July 2025

July 2025

Oct 2025