

TOMMY BOTABARA

AI & Technology Professional | Software Engineer | Technology Consultant

Mobile: (+63) 917-802-9516 | tommybotabara@gmail.com | LinkedIn: [linkedin.com/in/tommy-botabara-b13496193](https://www.linkedin.com/in/tommy-botabara-b13496193)

PROFILE SUMMARY

AI & Technology Professional with 6+ years of experience designing, prototyping, and deploying AI-powered solutions, enterprise automation, and data platforms across consulting and software engineering. Hands-on builder of LLM applications and multi-agent workflows on Claude and Codex, with strengths in rapid prototyping, Python automation, low-code delivery, stakeholder engagement, and translating business workflows into production-minded AI automation.

WORK EXPERIENCE

2025 - Present

ARCH GLOBAL SERVICES PHILIPPINES

Software Engineer Level 2

- Develop and enhance Python ETL pipelines and automation scripts powering enterprise data processes.
- Build Snowflake-integrated data workflows with transformations, validation logic, and structured error handling.
- Drive modernization initiatives by optimizing SQL queries, refactoring legacy scripts, and applying maintainability and performance best practices.
- Serve as point person for Python development, debugging, multi-environment troubleshooting, documentation, and deployment readiness.

2020 - 2025

DELOITTE TECHNOLOGY & TRANSFORMATION SEA

Senior Consultant - Enterprise Technology and Performance

Digital Field Operations - Leading Philippine Telecommunications Provider

- Led a workstream enhancing big-data reconciliation scripts from requirements gathering through deployment and knowledge transfer.
- Built Python scripts implementing 150+ business rules to reconcile customer and inventory data across multiple enterprise databases.
- Assessed data completeness, consistency, and traceability through custom Python validation tooling.

Energy Cost Reduction Analysis - Leading Thailand Telco

- Led analytics across 14,000+ cell sites to identify power-consumption outliers and performance-improvement opportunities.
- Built Python scripts that surfaced insights informing the client's energy cost-reduction strategy.

Intelligent Business Process Management - Leading Global Food Manufacturer

- Spearheaded a workstream building and enhancing screens in the PIO Claims Management PowerApps application.
- Owned the full lifecycle from learning PowerApps from scratch to production deployment for a business-user-facing prototype.

Low-Code Risk Assessment Tool - High-Risk Country Strategy Council

- Led development of a Risk Assessment Tool on Microsoft Power Platform, including Power BI, Power Apps, and Power Automate.
- Designed multi-screen workflows enabling stakeholders to assess country risks affecting global operations.

Reporting, Migration, and Vendor Evaluation Workstreams

- Automated Excel and PowerPoint reports using Python, reducing report preparation from days to under a minute.
- Directed data migration for Deloitte SEA's Audit and Assurance practice across 10 countries and moved the team from manual patching to automated scripting.
- Supported enterprise architecture, RFP evaluation, vendor selection, capability mapping, and technical requirements elicitation across automotive, banking, utility, and telco contexts.

2019

INFOR PSSC INC.

Global Financial Controller Java Upgrade - QA & ISO Fixes (Internship)

- Analyzed security vulnerabilities, delivered code fixes, and performed unit testing.

AI PROJECTS

2026

AIOS Workspace Toolkit - Multi-Domain LLM Agent Operating System

Self-directed; Claude, Codex, Python, browser automation, Google Workspace

- Built a reusable AIOS workspace across procurement, real estate, teaching, and personal operations with 25+ workflow agents.
- Standardized SKILL.md files, scripts, references, templates, and decision logs for repeatable business-user handoff.

2026	Airline Procurement Workflow Agents - Supplier and Contract Automation <i>Self-directed; Claude, Codex, Microsoft Forms, SAP Ariba, Excel COM, Adobe Sign</i> • Prototyped supplier accreditation, contract routing, travel authorization, and structured file-handoff agents across procurement tools.
2026	Real Estate Brand Growth Site - AI-Assisted Listings and Lead Workflow <i>Self-directed; Astro, TypeScript, Google Sheets, Google Drive, automation</i> • Created listing, lead-capture, photo prebuild, social-posting, search, upload, and content workflow skills.
2026	Course Content Pipeline - AI-Assisted Teaching Material Generator <i>Self-directed; Markdown, DOCX, Python, Node.js, research workflows</i> • Generated source-controlled research packs, module extracts, syllabus updates, assessments, Kahoot imports, and DOCX outputs.
2026	Wedding Planning Operating System - AI-Assisted Event Automation <i>Self-directed; Python, Google Sheets, Apps Script, HTML, planning workflows</i> • Connected guest data, seating logic, RSVP setup, floor-plan review, vendor references, and generated event pages.

TECHNICAL SKILLS

AI & LLM	Claude API, OpenAI Codex, LLM agent orchestration, prompt engineering, AI-powered workflow automation, browser automation for AI agents
Programming & Data	Python, Pandas, automation scripting, SQL, Snowflake, MySQL, Jupyter Notebook
Low-Code & Enterprise	Power BI, Power Apps, Power Automate, Adalo, OutSystems, Microsoft 365, Excel COM, Google Workspace
Web Development	HTML, CSS, JavaScript, Django, PHP
Tools & Methods	Visual Studio Code, CLI, Agile and iterative delivery, demo-driven prototyping, stakeholder interviews, technical documentation

EDUCATION

2015 - 2019	DE LA SALLE UNIVERSITY <i>Bachelor of Science in Information Technology</i> <i>Honorable Mention; Dean's List: AY 2015-16 (T1, T2, T3); AY 2016-17 (T1, T2); AY 2017-18 (T2, T3)</i>
2011 - 2015	PASAY CITY ACADEMY <i>High School Diploma - Graduating Class President</i> <i>Most Outstanding Achiever (2012-2015); Mercury Drug Best in Science and Math (2015)</i>