

EXEQUIEL DELA CRUZ

Automation and Software Engineer

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Automation and Software Engineer focused on API automation, backend integrations, workflow automation, and reliable production support.

PROFESSIONAL PROFILE

Computer Engineering graduate with experience across software development, IT operations, automation engineering, and business process transformation.

Currently working in a multinational environment, leading API-based automation design, stakeholder coordination, automation governance, and second-level support for internal automated services.

Builds practical systems across frontend, backend, cloud, workflow automation, and AI-assisted tooling, with a strong interest in reliable engineering, integration platforms, and business process improvement.

RECRUITER SUMMARY

Current role	Automation and Software Engineer
Core focus	API automation, backend integrations, workflow automation, L2 production support
Experience context	Multinational company environment
Strengths	Stakeholder coordination, automation governance, Agile delivery, production reliability
Location	Philippines
Target roles	Automation Engineer, Software Engineer, Backend Integration Engineer, Application Support Engineer, Workflow Automation Engineer

KEY TECHNICAL SKILLS

Primary skills: API automation; Backend integrations; Workflow automation; Production support; Automation governance; Stakeholder coordination; Agile delivery

Engineering: Next.js; React; React Native; Node.js; Python; PowerShell; REST APIs; Microservices

Cloud and platforms: Microsoft Azure; Azure VMs; Microsoft Logic Apps; Power Automate; Power Apps; Microsoft 365; GitHub

Database and reporting: PostgreSQL; MySQL; MongoDB; Power BI; Metabase

QA and enterprise tools: Worksoft; Panaya test templates; SAP automation support

AI and automation tooling: Microsoft Copilot Studio; OpenAI; Prompt engineering; AI-assisted development

Additional technical exposure: Basic cyber security; Machine learning; Infrastructure network engineering; Raspberry Pi; Arduino

PROFESSIONAL EXPERIENCE

Senior Automation and Transformation Engineer - Procter and Gamble

July 2023 - Present | Philippines

Leads automation governance, API-based automation design, stakeholder coordination, and second-level support for automation services.

- Lead API-based automation solution design for internal services, translating stakeholder requirements into integration and workflow designs.
- Manage access and security controls for automation robots, supporting governance and operational reliability.
- Provide second-level support for automation services, coordinating with application managers and external vendors to resolve production issues.
- Coordinate automation intake, key-user collaboration, and Agile delivery activities while serving as backup Scrum Master.

IT Operations Specialist - Procter and Gamble

March 2021 - June 2023 | Philippines

Built and maintained automation workflows while supporting production operations and service reliability.

- Designed, developed, and maintained automation workflows supporting multiple internal projects.
- Built and managed orchestrations and pipelines to maintain a unified automation environment.
- Resolved support tickets and production issues while maintaining reliability for ongoing business operations.
- Recognitions: Execution Excellence - August 2022, December 2022; Automation Hero and Champion Productivity - November 2022.

On-the-Job Trainee - Microchip Technology Operations Philippines

April 2019 - June 2019 | Philippines

Supported automated monitoring and machine-behaviour analysis for production equipment.

- Created automated monitoring systems for production machines.
- Analysed production machine behaviour using data captured through automation.
- Supported production visibility by helping turn machine data into monitoring insights.

SELECTED PROJECTS

Project Odyssey

Middleware platform made up of microservices that help integration tools communicate with internal development applications.

Purpose: Supported a self-service request automation model for front-office and back-office delivery teams.

My role: Backend Developer and L2 Support

- Supported microservice reliability, responsiveness, and day-to-day availability.
- Delivered updates and fixes to keep integration workflows stable.
- Supported L2 operations and issue resolution for automation users.

Technologies: APIs; Microservices; Azure VMs; Logic Apps; Worksoft; Active Control

Impact: Supported stable automation workflows for internal users.

Panaya BPL Excel Builder

Internal workflow tool for generating Panaya BPL Excel content from structured user requests.

Purpose: Reduced repetitive manual work involved in preparing Panaya test template content.

My role: Frontend and Workflow Engineer

- Built the frontend request form for Panaya test template generation.
- Created the workflow foundation for structured Excel output.
- Prepared the system for future AI-assisted content generation.

Technologies: Frontend UI; Workflow automation; Excel; Panaya

Impact: Expected to reduce manual template preparation effort by a measurable amount once production usage is confirmed.

Automated Lead Generation and Outreach System

External automation project that supports prospect research, review workflows, and outreach preparation for SME service offerings.

Purpose: Helps small businesses and startups manage public presence and service commercialisation outreach through a structured review and automation workflow.

My role: Full-stack Software Engineer, Infrastructure Engineer, and Automation Engineer

- Planned requirements and workflow scope with the client.
- Built frontend, backend, infrastructure, and automation components based on agreed requirements.
- Implemented review and handover workflows for ongoing client use.
- Provided maintenance support when needed.

Technologies: Full-stack development; Infrastructure; Workflow automation; Review workflows; Maintenance support

Impact: Supports structured prospect review and outreach preparation for ongoing client use.

EDUCATION

Bachelor of Science in Computer Engineering - University of Perpetual Help System DALTA - Calamba, 2015 - 2020

CERTIFICATIONS

- Worksoft Certified Professional for SAP - 2023
- Safety Officer Level 3 - 2024
- Loss Control Management Certified - 2019
- Hazard Identification, Risk Assessment, and Control Certified - 2019