

AI Document-Extraction Pipeline

Email-to-template automation · full loop

tienwito.com/portfolio

■ Problem

- Operations re-keyed supplier invoices and packing lists from email attachments into a fixed template — slow, error-prone, single-person dependent.

■ Pipeline



A per-line arithmetic checksum flags OCR mis-reads before they reach the template — catching errors a naive import would silently pass.

STACK

Power Automate

Azure Document Intelligence

Office Scripts

SharePoint

Microsoft Teams

Excel Online

■ Impact

- Removed manual re-keying across multiple customer workflows; one reusable method, configured per customer as a profile.
- Revision branch diffs a re-sent document against the previous version to surface exactly what changed.