

Melvyn Pard

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AI Automation & Deployment · Python, LLM Workflows & Evaluation Patterns · Ex-BCG

Builder/operator focused on turning messy workflows into reliable automated systems. Background combines BCG-style problem structuring, hands-on Python automation, LLM-assisted development, deployment thinking, monitoring, documentation, failure handling, and operational risk controls.

EXPERIENCE

Founder

Jun 2017 - Present

Gioras · Singapore / Remote · Incorporated Sep 2020; R&D began 2017

Built and operated proprietary automation and decision-support systems with a small two-person team.

- Designed Python-based workflows for research, monitoring, alerting, and operational decision support in volatile market environments.
- Built AI-assisted internal tools using Codex, Claude, ChatGPT, Gemini, Telegram bots, Railway, and Postgres.
- Automated manual workflows across data review, system monitoring, alerts, documentation, and execution support.
- Implemented deterministic controls including validation checks, failure alerts, capital-preservation logic, and kill-switch workflows.
- Developed parameter testing and optimization workflows to improve robustness under changing market conditions.
- Used AI coding agents to accelerate development, debugging, documentation, and operational iteration.
- Developed practical patterns for prompt iteration, workflow checks, alert review, and human-in-the-loop control in reliability-sensitive systems.
- Coordinated with one technical collaborator and external service providers across implementation, maintenance, and integrations.
- Built internal runbooks and operating documentation to improve reliability, repeatability, and incident response.

Project Manager

Aug 2016 - May 2017

RebelWorks Software House · Jakarta, Indonesia

- Managed mobile and web application projects from scope definition through delivery, coordinating clients, designers, engineers, QA, timelines, and budgets.
- Translated client requirements into project plans, product scope, milestones, and acceptance criteria.
- Supported delivery of Yuna, a mobile fashion personalization app, and Nebo, an investment portfolio app based on user risk appetite.

Marketing Executive

Apr 2015 - Mar 2016

Colliers International Indonesia · Jakarta, Indonesia

- Supported commercial property transactions across hotels, apartments, and commercial assets in Indonesia.
- Assisted sale processes for nine Rabobank properties across Jakarta, Surabaya, Semarang, and other cities.
- Coordinated with buyers, sellers, notaries, agents, and internal stakeholders on transactions from IDR 700 million to IDR 80 billion.

Business Analyst

Nov 2014 - Mar 2015

BOBOBOBO · Jakarta, Indonesia

- Increased weekly product upload efficiency by 40% through improved scheduling and production coordination.
- Created a production dashboard to improve real-time visibility across merchandising, logistics, and editorial teams.

Research Analyst Intern

Oct 2013 - Dec 2013

Boston Consulting Group · Jakarta, Indonesia

- Conducted surveys and interviews at local bank branches to understand micro-banking customer behavior and operational issues.
- Identified key success factors and improvement areas for local banking operations.

EDUCATION & CREDENTIALS

University of Michigan, Ann Arbor

B.S. Mechanical Engineering · Dec 2012

Coursera

Blockchain Specialization · Aug 2019

National Taiwan University

Chinese Language Courses · Aug 2017 - Dec 2018

Udacity

Deep Learning Nanodegree · Jul 2018; Intro to Programming Nanodegree · Mar 2018

SKILLS & LANGUAGES

Python, LLM-assisted development, workflow automation, AI deployment thinking, prompt iteration, evaluation patterns, observability, failure handling, technical project delivery, Postgres, Railway, Telegram bots, documentation, risk controls, stakeholder communication. Languages: English fluent, Bahasa Indonesia fluent, Mandarin conversational.