



Build with AI:

VIBE CODING



Automate with n8n, Develop with Vibe Coding

Image created by Generative AI

Stop typing. Start architecting.

Build intelligent n8n workflows—no coding required. Then shift to vibe coding: prompt-driven development from blank screen to live app. Zero manual edits.

Perfect for developers, IT professionals, digital transformation practitioners and entrepreneurs.

Programme Code	10018951-09
Date and time	24 July 2026 (Fri) 09:30 – 17:00
Venue	1/F, HKPC Building, 78 Tat Chee Avenue, Kowloon, Hong Kong
Mode	Face to face workshop
Language	Cantonese (supplemented with English terminology and handouts)
Course fee	HK\$3,800/ HK\$3,420* *Group discount for 2 or more

Course Objectives

- **Build automated workflows** in n8n that connect APIs, transform data, and integrate AI nodes for intelligent decision-making—**without writing code**
- **Develop and deploy full-stack applications using pure prompt-driven development (vibe coding)**—from blank screen to live URL with zero manual edits
- Combine automation + AI development to create complete solutions: n8n for backend data flows, vibe coding for frontend interfaces, connected through APIs

Course Outline

Part I. n8n Workflow Automation

1. Introduction to n8n & Core Concepts

- **The Automation Landscape:** n8n's node-based interface vs. other tools
- **Core Mechanics:** Triggers, action nodes, credentials, and JSON data flow
- **First Workflow:** Webhook/Schedule → route data → Slack/Email

2. Integrations, APIs & Data Transformation

- **Connecting Anything:** HTTP Request nodes and REST API integration
- **Data Manipulation:** Work with JSON, lists, and binary data
- **Logic & Routing:** Switch nodes, IF conditions, and branching logic
- **Activity:** Build a Lead Routing Pipeline—catch form webhook, evaluate data, route to CRM

3. Advanced n8n & AI Capabilities

- **Smart Nodes:** AI actions and Model Context Protocol (MCP) in n8n
- **Code-Free Scripting:** "Ask AI" in JavaScript nodes to auto-generate transformations
- **Resilience & Error Handling:** Error handling, retry strategies, and catch-up webhooks
- **Morning Challenge:** Add AI sentiment analysis + personalised response to Lead Routing Pipeline

Part II. Vibe Coding: From Manual Coding to AI-Native Development

4. The Paradigm Shift & The "Vibe" Setup

- **What is "Vibe Coding"?:** "Forgetting code exists" vs. agentic engineering
- **Your New Role:** From doing the work to managing AI
- **Context Window Economy:** How LLMs read your project (tokens, limits, memory)
- **Demo:** 10-min Pomodoro Timer with Bolt.new—zero manual edits + Replit/Bolt setup
- **Hello World 2.0:** Prompt "Flask app with dark-mode UI" instead of manual boilerplate

5. Prompt Engineering & Core Dev Loop

- **The S.C.R.E.A.M. Framework:** Scope, Context, Requirements, Examples, Avoid, Mode
- **Exercise 1: Spec-First Design:** Draft Expense Tracker PRD (schema, endpoints, components)—code later
- **Exercise 2: Iterative Development:** Database Setup (SQLite/Postgres schema) → Backend CRUD endpoints → Frontend dashboard
- **Handling "Vibe Breakers" (Errors):** Error recovery with "Act as Senior Debugger" prompts

6. Deployment & The Hackathon

- **Sanity Check:** AI code review for security + performance
- **Connecting to the World:** Prompt external API integration (stocks, weather)
- **One-Click Live:** Replit Deploy / Vercel → public URL
- **Final Challenge: "The 15-Minute Hackathon":** Build a random tool (QR Generator, Time Zone Converter) from scratch and share URL

Trainer's Profile

Ivan SO is a seasoned trainer with over 20 years of experience in digitalisation. He graduated from the University of Southampton with a Bachelor of Computer Science. Recently, he has successfully developed and delivered various Generative AI training programmes for both public and corporate clients.

Target Audience

Developers, IT professionals, digital transformation practitioners and entrepreneurs who want to:

- Automate workflows without coding (n8n)
- Build applications with AI—without manual typing (vibe coding)

Award of Certificate

A Certificate of Attendance will be awarded to participants who have completed the course.

Enrolment Methods

1. Scan the QR code to complete the enrolment and payment online. OR
2. Mail the crossed cheque with payee name “Hong Kong Productivity Council” (in HK dollar) and the application form to: **HKPC Academy, Hong Kong Productivity Council, 1/F, HKPC Building, 78 Tat Chee Avenue, Kowloon (attention to Ms Maggie CHEUNG)**. Please indicate the course name and course code on the **back of the cheque and envelope**. OR
3. Visit the registration counter of HKPC Academy, Hong Kong Productivity Council (1/F, HKPC Building, 78 Tat Chee Avenue, Kowloon) to enrol and settle the course fee.
Office hours: Monday to Friday 09: 00 - 18: 00



<http://u.hkpc.org/b7j>