

Vibe Coding Mastery: AI-Augmented Programming for Faster Delivery, Better Code Quality and Smarter Development Workflows



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Stop coding the hard way. Start building like a developer who has AI working alongside them at every step. This intensive 2-day hands-on programme equips you with practical AI-augmented programming skills to help you generate code faster, debug smarter, refactor with confidence, and **accelerate your delivery and career growth.**

Master AI-assisted workflows. Build better applications. Ship faster with confidence. — 100% HRDF Claimable.

Who Should Attend

Software developers, programmers, data and analytics professionals coding in Python, engineers and digital teams exploring AI-assisted development, and anyone wanting to improve coding speed, quality and automation with AI.

Why Sign Up

Modern software teams must deliver faster without sacrificing reliability. This programme shows you how to use AI to generate code, explain logic, accelerate debugging, improve documentation, build workflows and integrate AI into real applications.

What You Will Learn

- 1

Introduction to Vibe Coding
AI-augmented programming fundamentals, ethics and trust boundaries. Use AI more safely and responsibly.
- 2

Prompt Engineering for Programmers
Coding prompts, templates and Copilot workflows. Generate more accurate and useful outputs.
- 3

Setting Up the Environment
Configure Python, VS Code, Copilot and virtual environments. Establish a ready AI-enabled workspace.
- 4

AI-Assisted Python Core Skills
Use AI for logic, file handling, optimization, documentation and tests. Write Python solutions faster.
- 5

AI-Augmented Debugging & Refactoring
Use AI to diagnose bugs, explain failures and improve code. Reduce debugging time and improve maintainability.
- 6

AI-Assisted Data Analysis
Apply AI to cleaning, EDA, charts and workflow generation. Move faster from raw data to insight.
- 7

AI-Assisted Data Science Pipeline
Build feature engineering, training, tuning, evaluation and reporting flows. Create stronger end-to-end DS pipelines.
- 8

Interaction with OpenAI Models
Use APIs for chat, embeddings and app use cases such as summarizers and RAG. Integrate AI into real applications.

Practical & Hands-On
Real-world tools applied to Python development, debugging, data analysis, ML workflows and OpenAI API integration.

Immediately Applicable
Quick wins you can apply the very next day — from smarter prompting to AI-assisted code generation and refactoring.

Career-Defining Skills
Become faster, more adaptable and more valuable in AI-enabled software teams delivering modern applications.

Leave with structured prompting skills, stronger AI judgment, practical Python execution, better debugging and refactoring capability, and working knowledge of OpenAI integration — standing out as a faster, more adaptable and more commercially valuable developer.



Ready to code smarter, deliver faster and build AI-powered applications with confidence? Enroll your team in this high-impact 2-day programme and turn AI tools into your everyday competitive advantage.

Inhouse and public run options available. Contact us for pricing and scheduling.

Pre-register to secure your seat today.

Contact us email azli.ismail@eliteindigo.com or WhatsApp 6012 705 5594 (Aisha) or visit www.kredenzaadigital.com/eliteindigoprogram