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COURSE OUTLINE

Build It Right with AI: From One-Line Idea to Working App in 2 Days

A hands-on 2-day workshop where you build a working app with an AI coding assistant, and learn the plan-first method that keeps it on track

DURATION	FORMAT
2 days	Instructor-led, hands-on, lab-driven, project-based

DELIVERY	TRAINER
Live Instructor Led Workshop · Onsite Workshop for your Teams	Muhammed Shakir

Why this course exists

AI can write code in seconds. But if you give it a vague idea, it builds the wrong thing, fast.

You have seen it. You ask AI for an app. It gives you code that looks fine, but it misses rules, breaks other parts and takes hours to fix. The problem is not the AI. The problem is that nobody told it clearly what to build.

In this 2-day workshop, you learn the plan-first way. First you write a clear plan. Then you break it into small tasks. Then AI builds one task at a time, and you check each one. You do this on a real small app, from a one-line idea to working code.

- **If you already work as a developer:** you learn a method you can use on your office project right away. Less rework, fewer surprises, code you can explain and trust.
- **If you are looking for a developer job:** you finish with a working app, a written plan and a review checklist. This is real proof that you can build with AI, not just chat with it.

What makes this different

Most AI courses show you tricks and tools. **This one teaches you a way of working.** You will:

- **Build a whole app, not small demos:** idea, plan, tasks, code and review, all in 2 days.
- **Learn what to write before AI writes code:** simple plans that AI can follow.
- **Check AI's work properly:** find mistakes before they reach your team or your interviewer.
- **Work with any AI coding tool:** the method does not depend on one tool.

- **Leave with proof:** an app and documents you can show at work or in an interview.

Skills You'll Walk Away With

- Turn a one-line idea into a clear plan that AI can follow.
- Explain why AI builds the wrong thing, and how to stop it.
- Do quick research on your idea and write a short project brief.
- Write what the app must do, who uses it and what is left out, in simple words.
- Write down clear rules and examples so nothing is left to guesswork.
- Decide how the app will be built (structure, data, main choices) before coding.
- Give your AI assistant a rules file so it follows your project's style every time.
- Break a big plan into small tasks that AI can build one by one.
- Build with AI task by task and test each task before moving on.
- Review AI's code against your plan and find what is missing or wrong.
- Handle a change in the plan without losing control of the code.
- Apply the same method to an existing project at work.
- Explain your plan, your choices and your review in an interview or team meeting.
- Show a working app and written plan as proof of your AI-building skill.

Who should attend

If you want AI to help you build better, this workshop is for you.

- **Working developers:** you use AI already, but spend too much time fixing its code. Learn to get it right the first time.
- **Junior developers and freshers:** you want skills that employers now ask for. Build something real you can talk about.
- **Job seekers and career switchers who can code:** you want a stronger CV and a project that shows how you work with AI.
- **Team leads:** you want your team to use AI in one clear, repeatable way.
- **QA engineers and analysts who code a little:** learn to write plans and checks that AI can use.

Prerequisites: you can write basic code in any language, and you know simple Git steps. You need a laptop and any AI coding assistant. You do not need to know any special AI terms; we explain everything in plain words.

Course Outline

Day 1: Turn Your Idea into a Plan That AI Can Follow

In the morning you see why AI goes wrong. By evening you have a full written plan for your own app, ready to build.

Topic · Why AI Builds the Wrong Thing, and the Plan-First Way

You see the problem with your own eyes, and learn the simple path that fixes it.

- What goes wrong when you give AI a vague idea
- The plan-first path: idea, plan, design, small tasks, build, review
- Who does what: you decide, AI builds, you check
- How this path works for one person and for a team

Hands On: Give AI the same vague idea twice. First as it is, then with a clear plan. Compare the two results.

Topic · From One-Line Idea to Project Brief

You learn to think about an idea before building it, so you do not build something nobody needs.

- Ask the right questions: who is it for, what problem does it solve
- Use AI for quick research and to challenge your idea
- Write a one-page project brief

Hands On: Pick your app idea. Research it with AI and write your project brief.

Topic · The Product Plan: What the App Must Do

You write down what the app must do in words that both people and AI understand.

- Users, their goals and the main steps they take
- What is in the app and what is not (keeping it small)
- Clear rules and examples, so nothing is left to guesswork
- Asking AI to find gaps and unclear points in your plan

Hands On: Write your product plan. Then ask AI to question it and fix what is unclear.

Topic · The Technical Design: How the App Will Be Built

You decide the main choices up front, so AI does not make them for you.

- Simple app structure, data and main parts
- Choosing tools and style for your app, and writing down why
- Writing a rules file for your AI assistant, so it follows your style every time
- What to put in the rules file and what to leave out

Hands On: Write your design and your AI rules file. Check them with AI.

Day 1 Labs: vague idea versus clear plan · project brief · product plan with gap check · technical design · AI rules file.

Day 2: Build, Check and Show What You Made

You break the plan into small tasks, build the app with AI, review every step and finish with a demo.

Topic · Small Tasks: Break the Plan into Pieces AI Can Build

Small tasks are the secret. AI does much better with one clear task than with one big request.

- What makes a good small task
- Each task carries what it needs: goal, rules, how to know it is done
- Order tasks so each one builds on the last

Hands On: Turn your plan into a list of small, clear tasks.

Topic · Build with AI, One Task at a Time

You build the app step by step and test as you go, so mistakes are caught early.

- Give AI one task and only the information it needs
- Write tests first or alongside, so you know the task really works
- Fix problems by improving the plan, not by endless chatting
- Save your progress in small, safe steps

Hands On: Build the first tasks of your app with AI, with tests.

Topic · Review: Check What AI Built

AI can be confident and wrong. You learn to check its work calmly and quickly.

- Compare the code with your plan: is everything there, is anything extra
- Common AI mistakes to look for, including security slips
- A simple review checklist you can reuse
- Using a second AI pass as a helper, while you stay the decision maker

Hands On: Review a finished task using your checklist. Find and fix at least one problem.

Topic · Change, Existing Projects and Working in a Team

Real work is not a clean start. You learn to handle changes and older code.

- What to do when the plan changes in the middle
- Using the same method on an existing project at work
- Sharing plans and rules so the whole team gets the same quality
- How to talk about all this in interviews and team meetings

Hands On: Make one change to your plan and update the app. Then try the method on a small piece of sample existing code.

Topic · Capstone: Finish and Show Your App

You complete your app and present it, with the plan behind it.

- Finish the remaining tasks and run a final review
- Prepare a short demo: the idea, the plan, the app and what you checked
- Practise explaining your choices in simple words

Hands On: Present your working app and plan to the group and get feedback.

Day 2 Labs: task breakdown · build with tests · review checklist · plan change · existing-code try-out · final demo.

Capstone: Your Idea, Your App, Your Proof

Each participant takes their own one-line idea to a small working app. The app is done when:

- There is a written project brief, product plan and technical design
- There is an AI rules file for the project
- The work is broken into small tasks, and the tasks are built and tested
- You have reviewed the code against your plan and fixed what was wrong
- You can demo the app and explain how the plan led to the code

What participants take away

- A working small app built with AI
- A project brief, product plan and technical design for it
- An AI rules file you can reuse in any project
- A list of small tasks showing how the plan became code
- A review checklist for checking AI-written code
- A simple way to use this method on a real project at work
- A project and a story you can show in interviews and on your CV
- The confidence to use AI as a helper while you stay in control

A note on delivery

This is a build-along workshop, not a lecture. Each day mixes short teaching with hands-on work on your own app. The trainer guides you step by step, helps when you are stuck and gives feedback on your plan and code.

You use whichever AI coding assistant you prefer. The method works the same in all of them, so what you learn stays useful as tools change.

You do not leave with notes alone. You leave with a working app, a written plan and a way of working you can start using at your next task.