

# Vibe coding with Figma using AI and No-Code tools

## Module 1: Foundations of Design-to-Code

- What is design-to-code (Vibe Coding) and why it matters.
- Overview of tools: Figma, Vibedev.in, bolt.new, ChatGPT, Perplexity, Framr.
- No-code vs AI-assisted code: when to use which.
- The complete workflow: from design → prototype → live site.

## Module 2: Turning Figma Designs into Code with Vibedev.in

- Importing and syncing Figma files.
- How Figma layers map to HTML & CSS in Vibedev.in.
- Adding interactivity (hover effects, navigation, buttons).
- Publishing a prototype directly from Vibedev.in.

**Lab:** Convert a simple Figma app screen into a working prototype.

## Module 3: AI-Assisted Site Generation with bolt.new

- Introduction to AI-first development.
- Combining Figma designs + text prompts to generate React/Next.js projects.
- Deploying instantly with bolt.new.
- Editing and refining generated code visually.

**Lab:** Create and publish a landing page from a Figma mockup.

## Module 4: ChatGPT as a Design-to-Code Partner

- Writing effective prompts to generate clean, usable code.
- Translating Figma design specs (colors, fonts, spacing) into HTML/Tailwind.
- Debugging and refining AI-generated code.
- Creating reusable components (navigation, hero sections, cards).

**Lab:** Turn a Figma style guide into ready-to-use components with ChatGPT.

## Module 5: Enhancing with Perplexity (Research + Best Practices)

- Using Perplexity to explore how others coded similar layouts.
- Finding responsive design and accessibility patterns.
- Integrating snippets and workflows discovered via research.

**Lab:** Research responsive navigation patterns and apply them to an AI-generated site.

## Module 6: Publishing with Framer

- Importing Figma designs into Framer.
- Adding animations, responsive behaviors, and interactions.
- Publishing live websites directly from Framer without coding.

**Lab:** Convert a Figma portfolio mockup into a live published website.

## Module 7: Final Project and Q&A

- Using ChatGPT for coding support and Perplexity for enhancements.
- Exporting and sharing projects for feedback or developer handoff.

**Lab:** Build a complete sign-up flow starting from Figma, refining with AI tools or publishing on Framer.