

Using LMM to Build Domain Projects

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5-SESSION CURRICULUM | GENERATIVE AI FOR
INTERNS

Session 1: Getting Started with LLM

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- ▶ Intro to Generative AI
- ▶ Portal account creation and login
- ▶ UI walkthrough and capabilities
- ▶ Prompt: 'Explain frontend vs backend like I'm 12'
- ▶ Homework: Ask 3 learning questions

Session 2: Prompt Engineering Fundamentals

- ▶ Prompt structure: Role, Task, Format, Constraint
- ▶ Use of markdown and clarity techniques
- ▶ Prompt: 'Summarize Firebase pros/cons in <100 words'
- ▶ Prompt: 'Act as branding consultant: write slogan'
- ▶ Worksheet: Fill-in prompt scaffolds

Session 3: Branding & Full Stack Use-Cases

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- ▶ Branding prompts: slogan, CTA, campaign planning
- ▶ Prompt: 7-day Insta plan for candles
- ▶ Full stack prompts: HTML, backend ideas
- ▶ Prompt: Landing page HTML for 'MoodMate'

Session 4: Automation, ML & Mobile App Prompts

- ▶ Python prompt: Script to clean CSV
- ▶ ML prompt: 'What model for house price prediction?'
- ▶ Mobile App idea prompt: Daily routine tracker
- ▶ Format prompts to generate full workflows

Session 5: Project Prompting + Capstone Launch

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- ▶ Define capstone scope via prompt chaining
- ▶ Prompt: 3 AI + education project ideas
- ▶ Prompt: Flask API starter for quotes
- ▶ Interns define idea, prompt plan, milestones