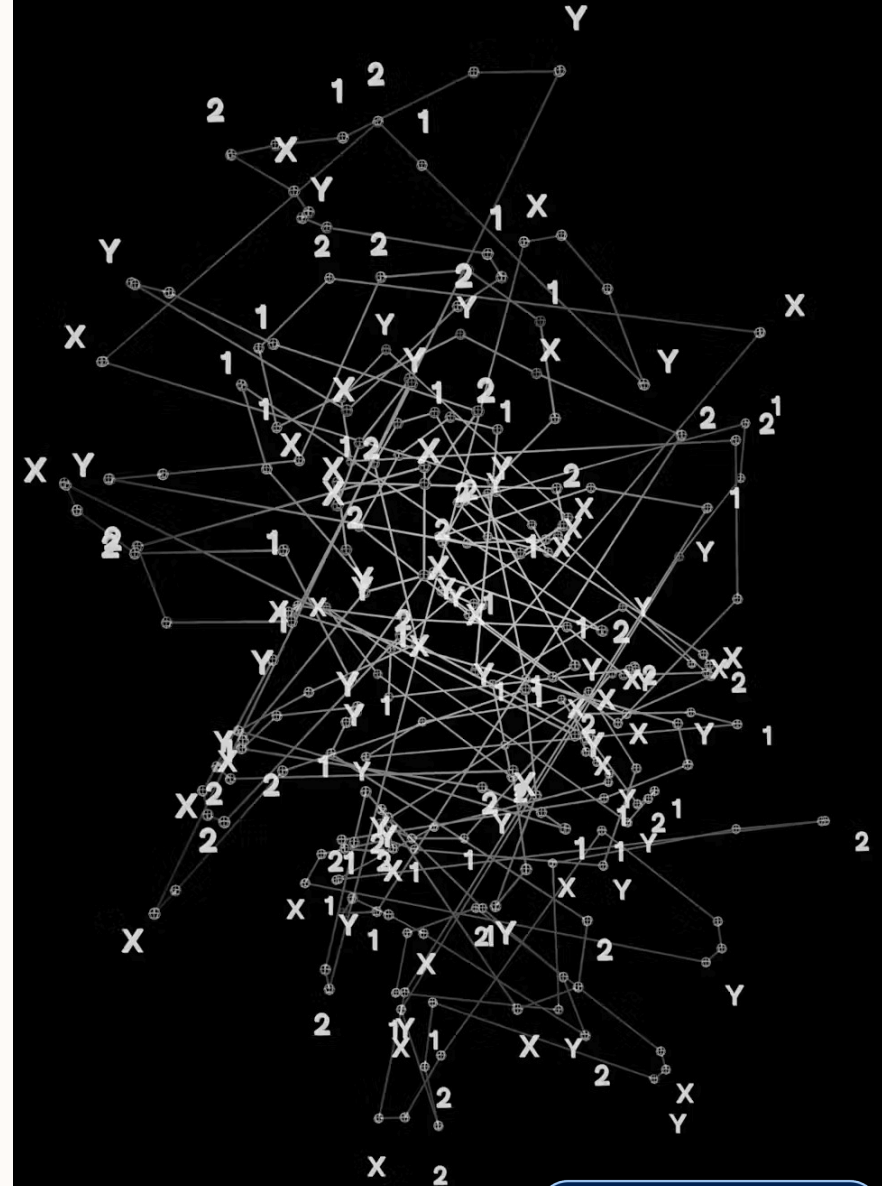


AI-Powered Web Development: Live Cohort Program

Instructor: Mihirsinh Chauhan



Welcome to AI Crafter: Building the Future, Together



Robust Portfolio

Graduate with a portfolio of functional projects, showcasing your tangible skills and achievements.



Mindset

Develop the essential mindset of a true AI first products, ready to tackle complex challenges with confidence.



Innovate, Build, Lead

Be empowered to innovate, build, and lead in the rapidly evolving landscape of AI-powered web development.



Vibrant Community

Connect with a passionate network of peers and mentors, fostering collaboration and lifelong learning.



Cutting-Edge Skills

Master the latest AI models and web technologies, staying ahead in a dynamic and evolving industry.

Technology Stack Overview

Our chosen technology stack is specifically selected for its industry relevance, performance, and job-readiness, ensuring you gain skills highly sought after by employers.



React (Frontend)

A powerful JavaScript library for building dynamic and interactive user interfaces.



Go (Backend)

A fast, efficient, and reliable language for building scalable backend services.



Python (AI Features)

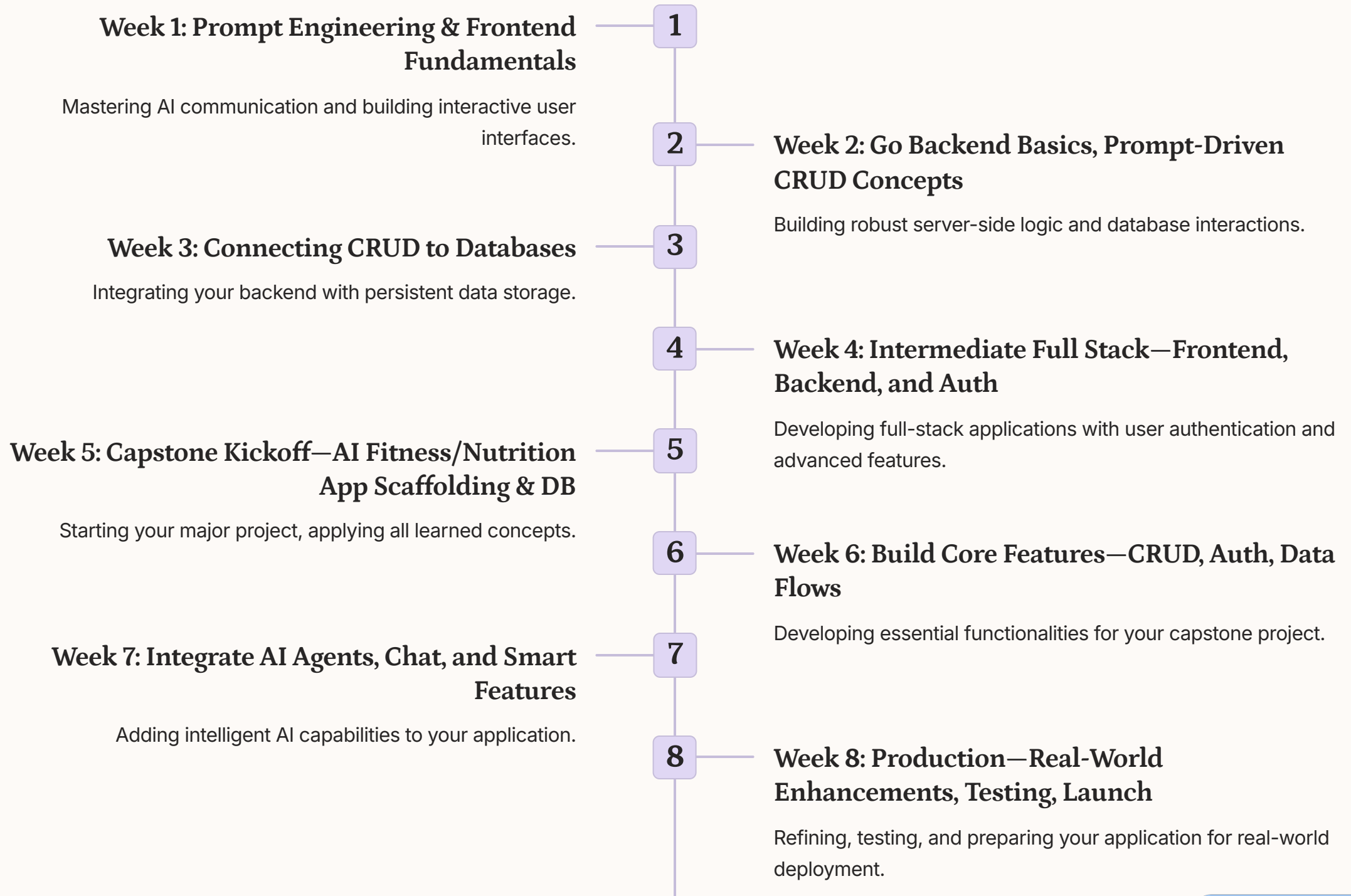
The go-to language for AI, machine learning, and data processing.



Databases (SQL/NoSQL)

Mastering data storage and retrieval for robust application development.

Course Structure & Module Preview



Why AI + Coding Today?

1 AI Transformation

AI is transforming every industry, including software development. Companies need developers who can integrate AI to create intelligent, user-centric products.

2 AI in Web Development

Understanding how to leverage AI is crucial for building the next generation of digital experiences.

3 AI Tools in Development

AI is revolutionizing the coding process with tools like GitHub Copilot, Cursor, Claude, and Gemini.

4 Career Opportunities

The demand for developers skilled in AI integration is skyrocketing, opening up new and lucrative career paths across various industries.

5 Solving Complex Problems

AI empowers developers to tackle complex challenges, automate tasks, and create intelligent solutions that drive real-world impact.

Maximizing Your AI Crafter Journey

Success in this course hinges on active participation and a proactive mindset. We believe in **"learning by doing"** – the more you build, experiment, and share, the more you'll grow.

1

Continuous Building

Don't just watch, build. Prototype frequently, even if it's imperfect.

2

Experiment & Iterate

Try new approaches, test hypotheses, and learn from every iteration.

3

Share & Collaborate

Show your work, seek peer feedback, and contribute to the community.

4

Personal Projects

Apply concepts to your own ideas, using prompt logs for structured development.

Getting the Most Out of Your Journey

This course is designed for hands-on learning, empowering you to build remarkable things. Here's how you can maximize your journey with us:



Stay Engaged

Actively participate in weekly assignments and projects to solidify your practical skills.



Team Up

Collaborate and share insights with your peers on group projects, leveraging collective intelligence.



Reflect & Grow

Regularly assess your progress, identify challenges, and develop innovative solutions.



Embrace New Tools

Continuously explore and adapt to the latest AI and web development technologies.



Ask Questions

Never hesitate to seek clarification and support – our team is here to guide your success.



Build & Play

Consistently experiment and enjoy transforming your AI-powered ideas into tangible creations.

Career Paths: AI Product Manager vs. Software Developer

Understanding these distinct yet interconnected roles is crucial for navigating the AI landscape. Both are vital for bringing AI products to life.

AI Product Manager

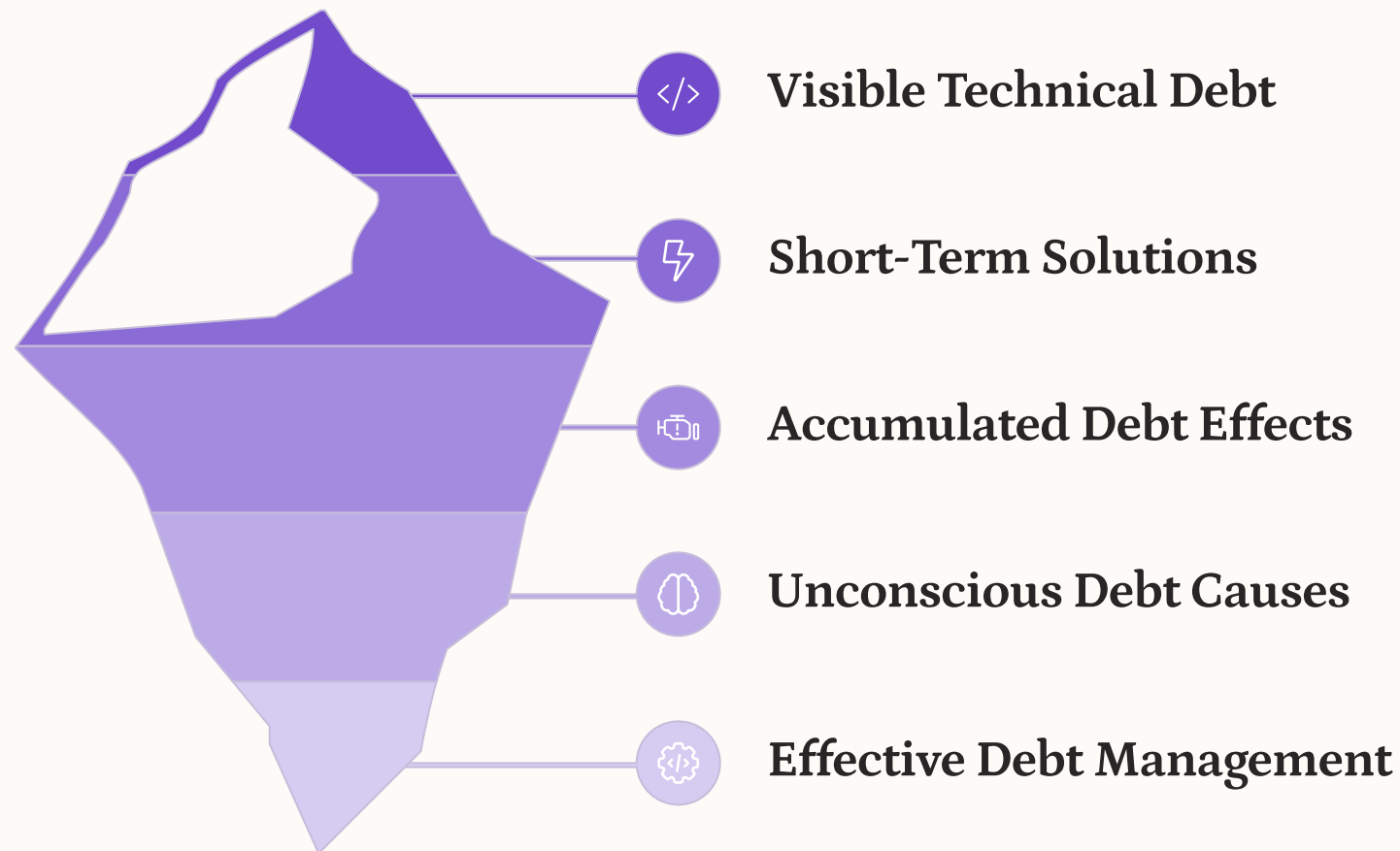
- **Focus:** Defines the **what** and **why** of AI products, focusing on **market opportunities**, **user problems**, and **business value**.
- **Daily Work:** Conducts **market research**, defines **AI-driven features**, manages **product roadmaps**, and **communicates** with stakeholders.
- **Mindset:** **Strategic**, **user-centric**, **business-driven**, and focuses on **cross-functional leadership**.
- **AI Utilization:** Identifies **strategic AI opportunities**, defines features leveraging AI, assesses **ethical implications**, and measures **business impact**.

Software Developer

- **Focus:** Responsible for the **how** of AI products, focusing on **technical implementation**, **code quality**, and **system architecture**.
- **Daily Work:** **Writes**, **debugs**, and **deploys code** for AI features, **integrates AI models**, and **optimizes algorithms**.
- **Mindset:** **Problem-solving**, **analytical**, **detail-oriented**, focused on technical feasibility and efficiency, and **continuous learning**.
- **AI Utilization:** **Develops** and **integrates AI models**, builds **infrastructure**, **optimizes performance** and **scalability**, and ensures **data integrity**.

Navigating Technical Debt: A Crucial Skill

Technical debt, similar to financial debt, is incurred when development teams choose easy, short-term solutions instead of better, long-term approaches. While sometimes necessary for speed, it can accumulate and hinder future development.



Let's Connect: Discussion & Q&A

Now it's your turn! Let's get to know each other and share our aspirations for this exciting journey.