

Fundamentals OF FRONTEND ARCHITECTURE

COURSE OVERVIEW



FOUNDATIONS

MODULE 1

- ▶ Introduction
- ▶ What is Software Architecture?
- ▶ What is Frontend Architecture?
- ▶ Software Architecture vs Software Design
- ▶ The Frontend Architect Role

UNDERSTANDING

MODULE 2

- ▶ **The FullSnack Project**
- ▶ **Visualizing Architecture**
- ▶ **Architectural Drivers**
- ▶ **Architectural Requirements**
- ▶ **Architectural Decisions**

DESIGNING

MODULE 3

- ▶ **Domain Modeling**
- ▶ **Module Breakdown**
- ▶ **Sequence Diagrams**
- ▶ **Class Diagrams**
- ▶ **The Design Document**

IMPLEMENTING

MODULE 4

- ▶ **Project Setup**
- ▶ **Component Breakdown**
- ▶ **Component Hierarchy**
- ▶ **Implementing Modules**
- ▶ **Guardrails and Constraints**

WRAPPING UP

MODULE 5

▶ Resources

▶ Goodbye... ?