

MASTERING LANGCHAIN

FOR PYTHON DEVELOPMENT

BUILDING INTELLIGENT APPLICATIONS
WITH LLMS, CHAINS, AND AGENTS



PRACTICAL
PYTHON EXAMPLES



PRODUCTION
READY



DEPLOY WITH
CONFIDENCE

MIKKO HYPANEN

Mastering LangChain for Python Development

Building Intelligent Applications with LLMs, Chains, and Agents

Steve T. Publications

This book is available at

<https://leanpub.com/masteringlangchainforpythondevelopment>

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Building Intelligent Applications with LLMs, Chains, and Agents

About this book: LangChain has become the dominant framework for building production-grade AI applications in Python, yet most developers only scratch its surface. This book takes you from foundational concepts to advanced patterns through detailed, production-ready code examples. You will learn to build agents that reason autonomously, construct retrieval-augmented generation pipelines that ground LLM responses in your own data, implement robust error handling and observability, and deploy your applications with confidence. Every chapter builds on the last, creating a complete mental model of how LangChain works under the hood and how to wield it effectively in real-world scenarios.

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