

HASKELL UNLOCKED

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A COMPLETE GUIDE TO
**FUNCTIONAL
PROGRAMMING**
FROM FIRST PRINCIPLES
TO PRODUCTION MASTERY



THINK FUNCTIONALLY

Embrace purity, referential transparency, and immutable design.



LEVERAGE THE TYPE SYSTEM

Use types to design better APIs, catch errors early, and model complexity.



MASTER EFFECTS

Monads, transformers, and effectful patterns in the real world.



BUILD CONCURRENT SYSTEMS

Async, STM, and parallel patterns with confidence.



SHIP REAL SOFTWARE

Modern tooling, testing, and deployment with production in mind.



MIKE LUNDSTRÖM

Haskell Unlocked

A Complete Guide to Functional Programming from First Principles to Production Mastery

Steve T. Publications

This book is available at https://leanpub.com/haskell_unlocked

This version was published on 2026-07-06



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A Complete Guide to Functional Programming from First Principles to Production Mastery

About this book: Haskell is not just another programming language. It is a fundamentally different way of thinking about computation. This book takes you from your very first Haskell program through the advanced abstractions that make the language powerful, all the way to production-ready systems. You will learn how to think in pure functions, harness the type system as a design tool, master monads and effectful programming, write concurrent code with confidence, and build real projects using modern Haskell tooling. Whether you are an experienced developer new to functional programming or a Haskell practitioner looking for a comprehensive reference, this book gives you the knowledge and intuition to use Haskell effectively in any context.

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