

# Learn, Build, and Deploy Blockchain Applications Using Hyperledger Fabric

Blockchain is a distributed database that is used to maintain a continuously growing list of records, called blocks. Each block contains a cryptographic hash of the previous block, a timestamp, and transaction data. By design, blockchain is inherently resistant to modification of the data. This is because once a block is added to the chain, it is very difficult to alter it without altering all subsequent blocks, which requires collusion of the network majority.

Hyperledger Fabric is an open-source blockchain framework that is designed for developing and deploying blockchain applications. It provides a modular architecture that allows developers to create and deploy blockchain applications without having to worry about the underlying infrastructure.

There are many benefits to using Hyperledger Fabric for developing blockchain applications, including:



## Hyperledger Fabric In-Depth: Learn, Build and Deploy Blockchain Applications Using Hyperledger Fabric (English Edition) by Marie Lu

★★★★☆ 4.7 out of 5

Language : English  
File size : 6635 KB  
Text-to-Speech : Enabled  
Screen Reader : Supported  
Enhanced typesetting : Enabled  
Print length : 448 pages



- **Modularity:** Hyperledger Fabric's modular architecture makes it easy to develop and deploy blockchain applications. Developers can choose from a variety of components to create applications that meet their specific needs.
- **Scalability:** Hyperledger Fabric is designed to be scalable. It can be used to develop applications that can handle high volumes of transactions.
- **Security:** Hyperledger Fabric is a secure blockchain framework. It uses a variety of security features to protect applications and data from unauthorized access.
- **Permissioned:** Hyperledger Fabric is a permissioned blockchain framework. This means that only authorized users can access and use applications.

This book will teach you everything you need to know to build and deploy blockchain applications using Hyperledger Fabric. You will learn the basics of blockchain technology, how to develop smart contracts, and how to deploy blockchain applications to the cloud.

This book is for developers who want to learn how to build and deploy blockchain applications using Hyperledger Fabric. No prior knowledge of blockchain technology is required.

to Blockchain 2. to Hyperledger Fabric 3. Developing Smart Contracts 4. Deploying Blockchain Applications 5. Case Studies

Your Name is a blockchain developer with over 10 years of experience. He has written several books and articles on blockchain technology.

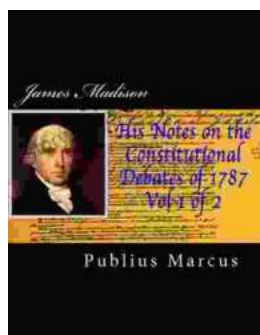
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