

Table of Contents

Chapter 1 Introduction to NFTs	11
What is exactly Non-Fungible Token (NFT)?	12
Chapter 2 Understanding Tokens	14
Let Us Understand What are Tokens?	14
Significance of Tokens	15
Chapter 3 Fungible and Non-Fungible	17
Understanding the term ‘Fungibility’	17
Understanding Non-Fungibility	18
Comparison between Fungible and Non-Fungible Tokens	19
Characteristics that set fungible and non-fungible tokens apart	21
Chapter 4 Importance of NFTs	27
Chapter 5 Background of NFTs	29
Who created the first NFT?	29
The History of Non-Fungible Tokens	29
Chapter 6 Technical Details of the NFT Ecosystem	35

Technical steps involved in NFT creation	35
Technical Components of NFTs	36
Chapter 7 Protocols & Token Standards	40
Token Standards	40
Ethereum Token Standards	41
Tezos Token Standards	42
Chapter 8 Security in NFTs	45
Re-entrant attack	45
Blockchain-related issue	46
Spoofing	46
Tampering	47
Denial Of Service Attack	47
Lost control over execution	48
Information leakage	48
Chapter 9 Applications of NFTs	49
Chapter 10 Challenges in the NFT System	53
Chapter 11 Marketplaces of NFTs	57
Chapter 12 Wallets Used in NFTs Transactions	61

Chapter 13 Creating, Buying and Selling NFTs	63
Creating and Funding Your Account	63
Buying NFT	63
How to Create and Sell NFTs	64
How Are NFTs Created?	64
How Much Does It Cost?	65
Who Can Make An NFT?	66
The Process of Selling NFTs	66
Chapter 14 Future of the NFTs	68
Summary	70
References	71