

SMART CONTRACT IN HEALTHCARE



*Enhancing Record Management, Claims Processing,
and Consent.*

BLOCKCHAIN PROJECT BY ARNAV RAJ

INTRODUCTION

Transforming Healthcare with
Smart Contracts.

- Representing the transformative potential of smart contracts in the healthcare industry.
- Focusing on three critical areas: healthcare records management, insurance claims processing, and patient consent.



THE POWER OF SMART CONTRACTS

Smart contracts are self-executing contracts with terms encoded in code, automatically enforcing agreements when predefined conditions are met.

Smart contracts offer:

- Enhanced Security: Utilizing blockchain's cryptographic nature to protect sensitive healthcare data.
 - Transparency: Ensuring clear, auditable transactions, which are crucial in healthcare.
 - Efficiency: Streamlining processes and reducing administrative overhead.
 - Trust: Providing a trust layer in healthcare transactions through blockchain.
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UNLOCKING HEALTHCARE'S FUTURE

HEALTHCARE RECORDS MANAGEMENT:

Securely manage and share healthcare records among stakeholders, with patients retaining control through consent-driven smart contracts.

INSURANCE CLAIMS PROCESSING:

Automate insurance claims to expedite approvals, reduce fraud, and enhance payment accuracy for insurers and policyholders.

PATIENT CONSENT:

Manage patient consent with smart contracts, ensuring patients control who accesses their data, in compliance with regulations like GDPR

CHALLENGES:

Regulatory Compliance.
Data Security
Integration

