

EMR STRUCTURE DEVELOPMENT

BACKGROUND

Chikitsa.io is an AI-powered health-tech platform that streamlines healthcare workflows, focusing on automating tasks like clinical documentation and diagnostics. Its AI-driven EMR system improves data management and reduces paperwork. Designed for both hospitals and clinics, Chikitsa.io aims to make healthcare faster, smarter, and more accessible, particularly in underserved areas.

MISSION AND VISION

Mission of Chikitsa.io:

To revolutionize healthcare by leveraging AI to automate clinical workflows, reduce administrative burdens, and improve patient care, making healthcare more efficient, accessible, and patient-centric.

Vision of Chikitsa.io:

To make healthcare faster, smarter, and accessible to everyone, with a focus on reducing clinician workload and enhancing care quality, especially in underserved areas.

CHALLENGES

Integrating AI solutions with hospital IT systems.
Ensuring data accuracy and real-time validation.
Balancing clinical requirements with user-friendly design.
Quickly adapting to new AI tools.
Managing tight deadlines and multi-tasking effectively.

RECOMMENDATIONS

1. Gather continuous feedback from healthcare professionals.
2. Enhance integration with hospital IT systems.
3. Strengthen NLP for better data extraction.
4. Develop a mobile app for patient tracking.
5. Improve real-time EMR data validation.

SWOT Analysis of Chikitsa.io

STRENGTHS

- AI-powered tools for clinical documentation and fraud detection
- Comprehensive multispeciality EMRs for diverse medical fields
- ABDM-compliant and highly interoperable
- Agile, cross-disciplinary team driving quick innovation

WEAKNESSES

- Scalability challenges in diverse healthcare infrastructures
- Limited B2C offerings (no patient-facing app)
- Customization difficulty for smaller clinics
- Dependence on large hospital networks for growth

OPPORTUNITIES

- Expansion into underserved Tier 2/3 cities
- Government partnerships with ABDM and NHM initiatives
- AI diagnostics and clinical decision support systems
- Health insurance integration for streamlined claims

THREATS

- Intense competition from larger health-tech companies
- Regulatory hurdles with evolving privacy laws
- Slow adoption in hospitals used to legacy systems
- Data security risks threatening trust and growth

BEFORE



Manual documentation was time-consuming and prone to errors

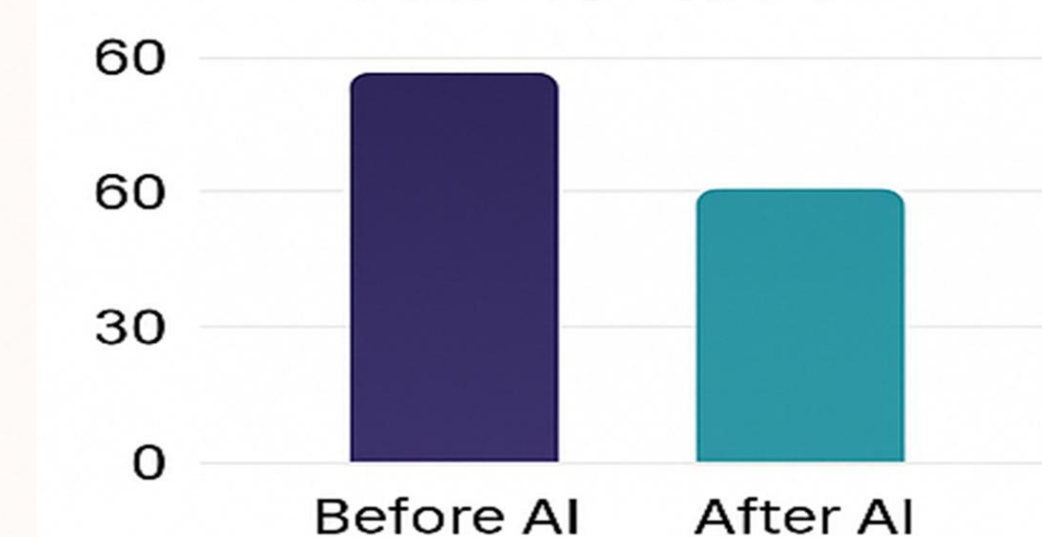
AFTER



AI-powered transcription and streamlined UI reduced workload

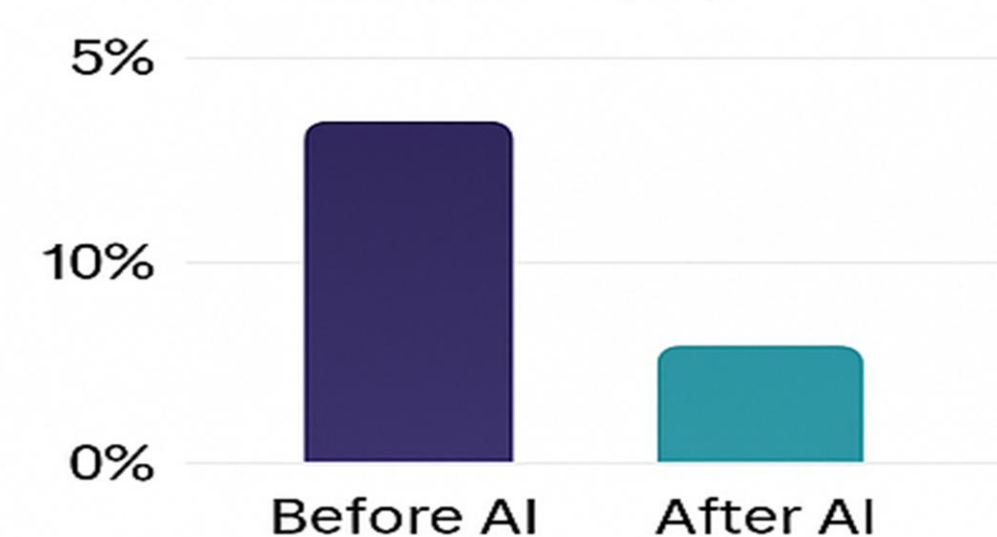
Impact of AI Solutions

Time Spent on Documentation



Time Spent on

Documentation Error Rate



Documentation

Key Takeaways from My Internship

- ✓ Gained practical experience in AI applications for healthcare
- ✓ Improved teamwork skills working with multidisciplinary teams
- ✓ Deepened understanding of clinical workflows and EMR systems
- ✓ Enhanced problem-solving by tackling real-world healthcare challenges
- ✓ Gained hands-on experience in UI/UX design for EMRs

CHIKITSA

