MindVault

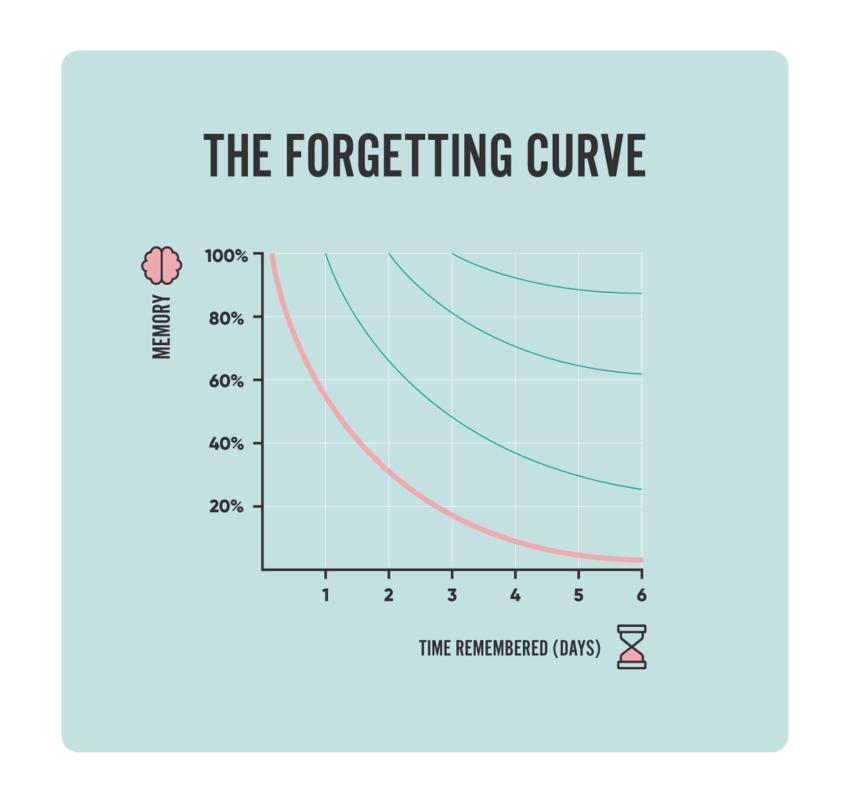
Al-Powered Memory Retention & Learning
Optimization Platform

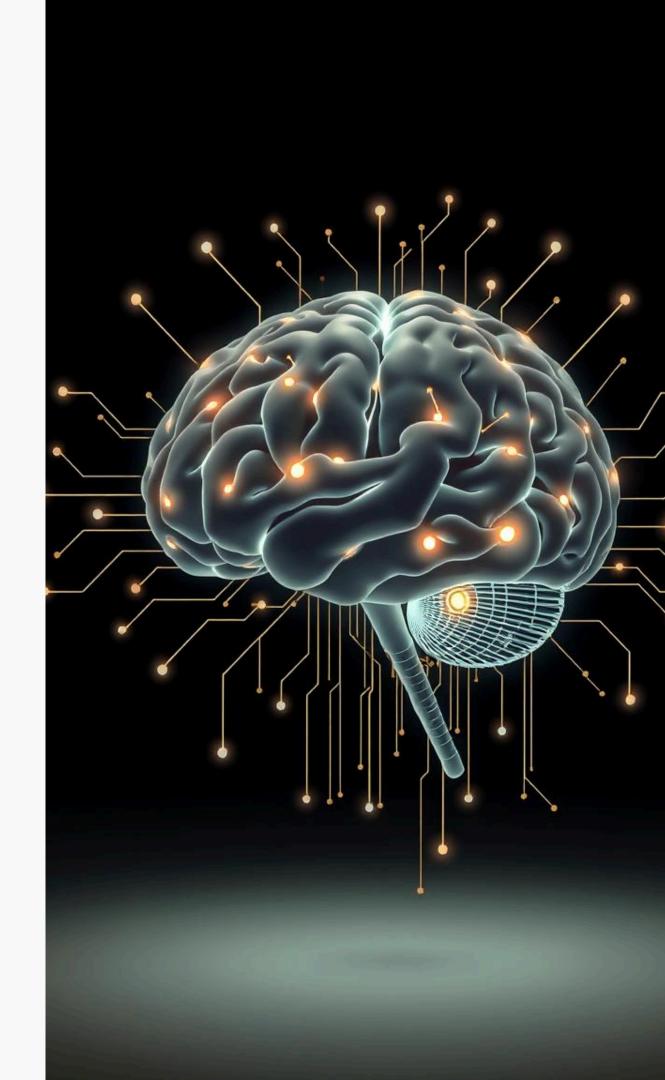
Say goodbye to forgetting and hello to lasting knowledge.

The Problem: Ebbinghaus' Forgetting

Curve M







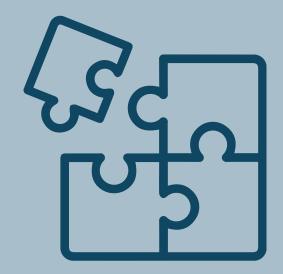
The Problem: Ebbinghaus' Forgetting Curve



Rapid Forgetting

We forget over 50% of new information within an hour of learning it.

Without review, we retain only about 25% of the information after a week.



No Adaptive Solutions

Current solutions don't automatically adapt study material.

Adapting the material is key for long-term retention.



Practice vs. Reinforcement

Exam prep platforms focus on practice. But they neglect memory reinforcement.

Our Solution: MindVault

MindVault is an AI-driven platform that enhances learning using spaced repetition, active recall, and adaptive AI analytics to combat forgetting.

Learning path

Personalized AI-Driven Learning
Path: AI analyzes user
performance and suggests topicwise questions based on past
mistakes and strengths. Adaptive
difficulty allows learners to
progress at their own pace.

Smart Flashcards

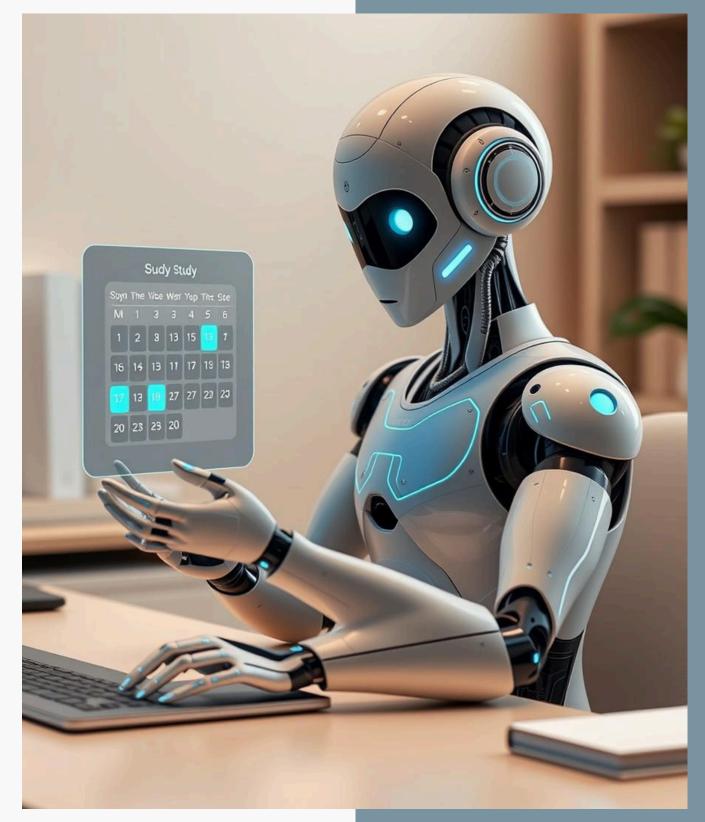
Smart Flashcards
MindVault auto-creates
flashcards and adapts to you!
Mark Easy (1 week), Medium (5
days), Hard (1 day)—Easy twice =
2 weeks. Boost retention with
spaced repetition & active recall!

AI Planned Calender

Al schedules revision based on learning patterns, using spaced repetition. Provides personalized reminders for coding practice, mock interviews, and review sessions.

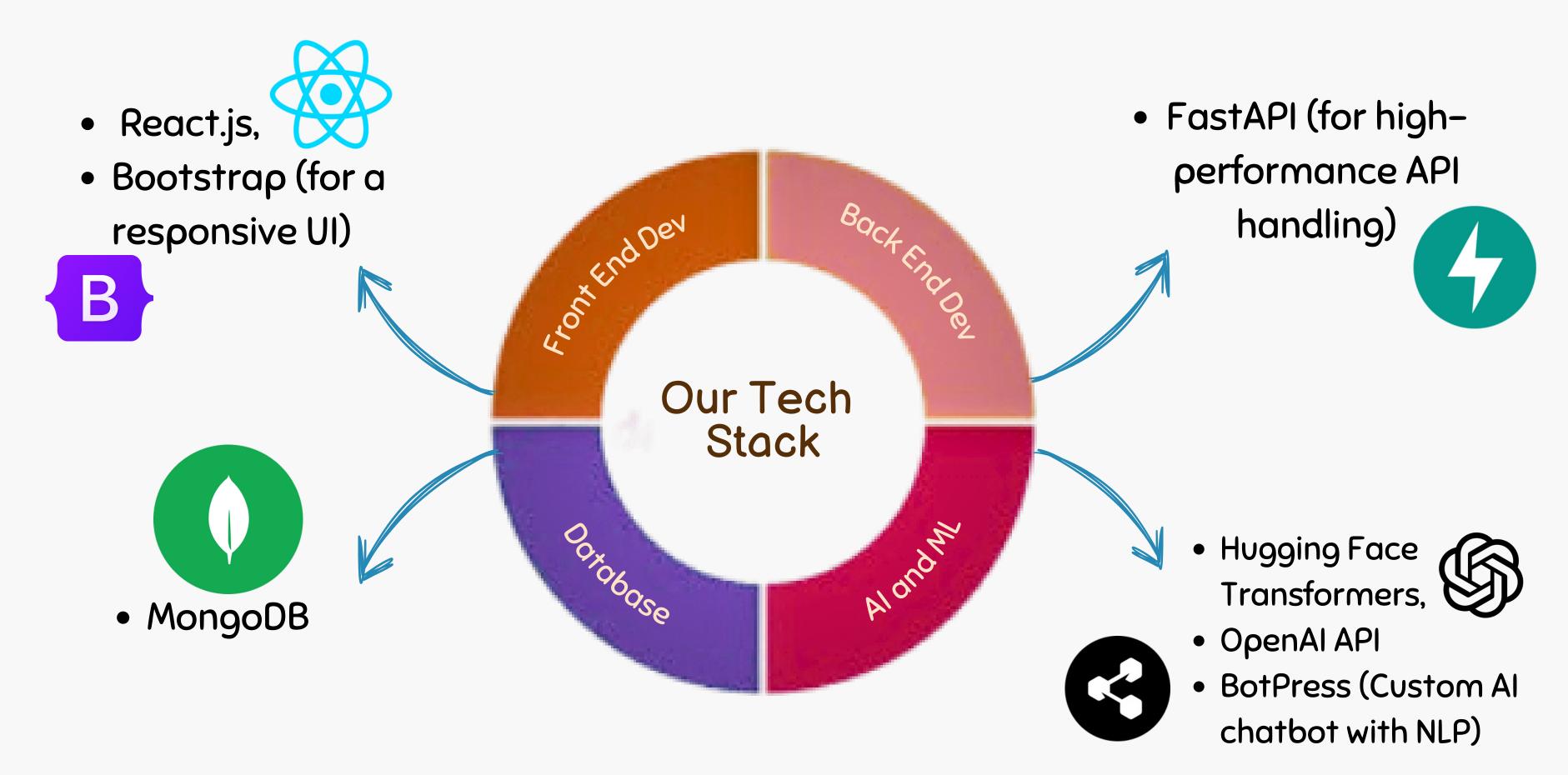
Memora: Voice and chat bot

Al-powered support for handsfree learning, instant query resolution, and interactive guidance via voice commands and chat.





TECH STACK



Business Model

B2B:

Custom Al Licensing & White-Labeling

- API Monetization: Charge
 universities & EdTech platforms per
 API call for AI-generated study
 materials.
- **Bulk Licensing:** Schools & coaching centers pay an annual fee for student access.
- Corporate Training: Integrate Aldriven study tools into company LMS for employee upskilling.
- Al Insights for Universities: Provide anonymized student performance analytics for curriculum improvement.





B2C:



• Freemium Model with Al-powered Free Plan:

- Limited Al-generated flashcards (e.g., 20 per month)
- Basic Al study planner with reminders
- Standard progress tracking
- Premium Plan (Subscription-Based -₹299/month or ₹2,999/year)
 - Unlimited uploads & AI flashcards
 - Personalized AI planner with spaced repetition
 - Memory analytics & progress tracking
 - Al voice assistant for Q&A
 - Priority customer support

• Pay-Per-Feature Microtransactions

- One-time purchase for flashcards & quizzes
- On-demand AI tutoring sessions (voice/text), billed per session

• Gamification & Referral Program

- Earn XP to unlock free features.
- Refer friends for rewards

IMPACT AND BENEFITS

IMPACTS

Reduces Paper Waste:

AI-powered flashcards and digital learning paths decrease reliance on printed materials.

Supports Remote Learning:

Minimizes travel and associated carbon emissions, promoting a greener education system.

Boosts Cost-Effective Productivity: Education:

Reduces the need for expensive coaching and tutoring services.

Enhances efficiency in exam preparation and professional training.

Increases **Workforce Skill Development:**

Environmental Impact

Economic Benefits

Helps individuals stay updated with industry trends and required skills through AI-driven learning.

Improved Learning Outcomes:

AI-based personalized learning paths and spaced repetition scheduling help users retain knowledge more effectively.

Time Management & Productivity:

Target Audience Impact

Social Impact

The AI-planned calendar ensures systematic revision, reducing lastminute cramming.

Bridges the Education Gap:

Provides affordable and personalized learning to students worldwide.

Enhances Learning Accessibility:

AI-driven voice assistants help students with disabilities by offering hands-free and voice-assisted learning options.

Learning:

students to continue learning effectively in a structured manner.

Promotes Lifelong

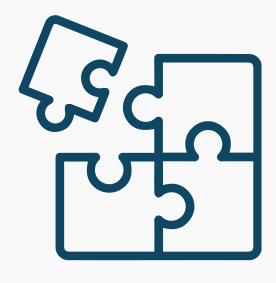
Encourages professionals and

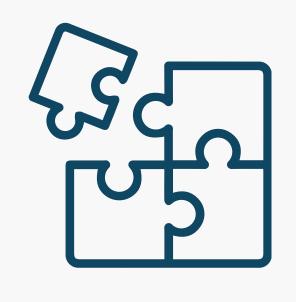
Accessibility & Convenience:

The voice-enabled chatbot supports hands-free learning, making education more inclusive and flexible.

Future Scope

- Multilingual & Accessibility Features Supporting multiple languages, voice-based interactions, and accessibility features for differently-abled learners to make quality education universal.
- Al-Based Study Buddies & Group Learning Users can collaborate with Al-powered study partners or join peer groups where MindVault matches learners based on similar weaknesses.
- MindVault Chrome Extension A browser extension that allows users to highlight text from any website or PDF and instantly convert it into a flashcard or quiz.







ise

ir memory ncards that through Test Your Knowledge

Dive into interactive quizzes that'll put your brain to the test and help you learn like a champ!



Your Personalized Study Companion

Chat away or use your voice to get instant help from your Al buddy—no hands required! ^

Stay Organized and On Track

Keep your study game strong with a smart calendar that knows your schedule and helps you stay on top of things!

Track and Improve

Keep an eye on your learning journey with cool analytics that show off your strengths and where you can level up!

Boost grade.
Not stress.

Free for students.

Thank you