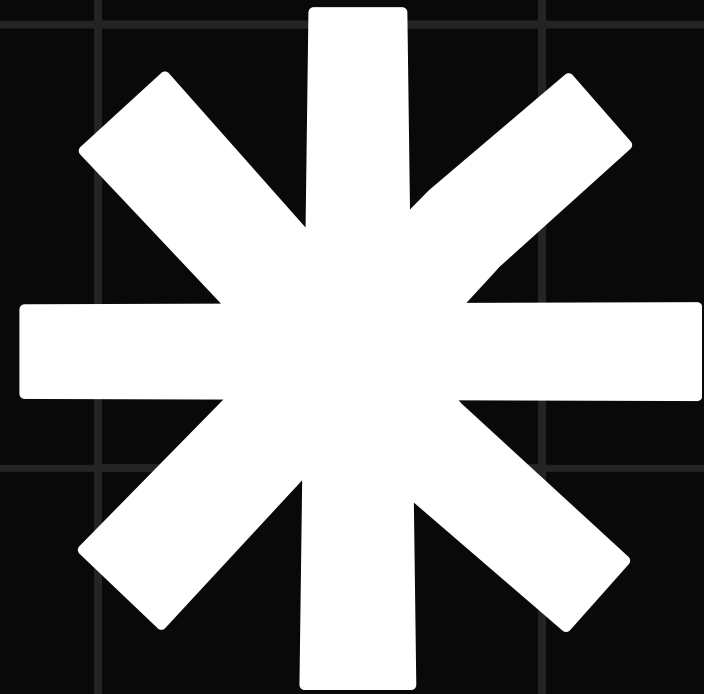


PREPMATE



AI Mock Interview

Submission for **CSI RenAIssance
Hackathon.**



Problem Statement

Limited Access to Professional Interview Practice

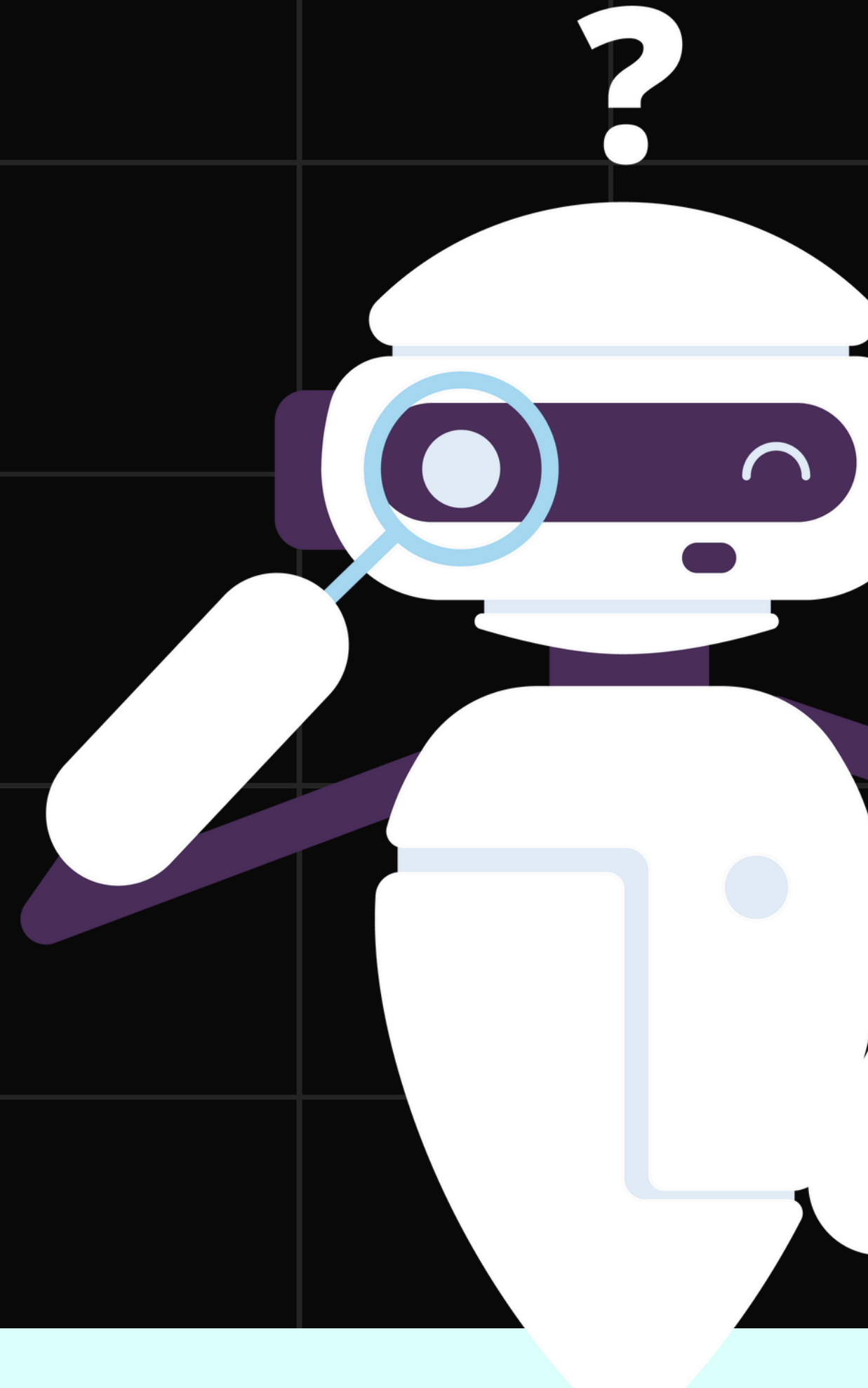
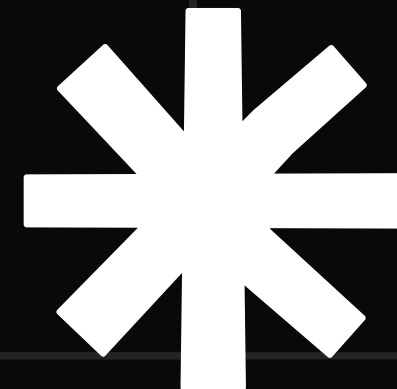
- Scheduling conflicts make it hard to find convenient practice times
- Geographical limitations restrict access to industry-specific coaches
- Multiple interview preparations multiply these costs and challenges

Lack of Immediate & Objective Feedback

- No standardized evaluation criteria to measure performance
- Subjective feedback varies between different practice sessions

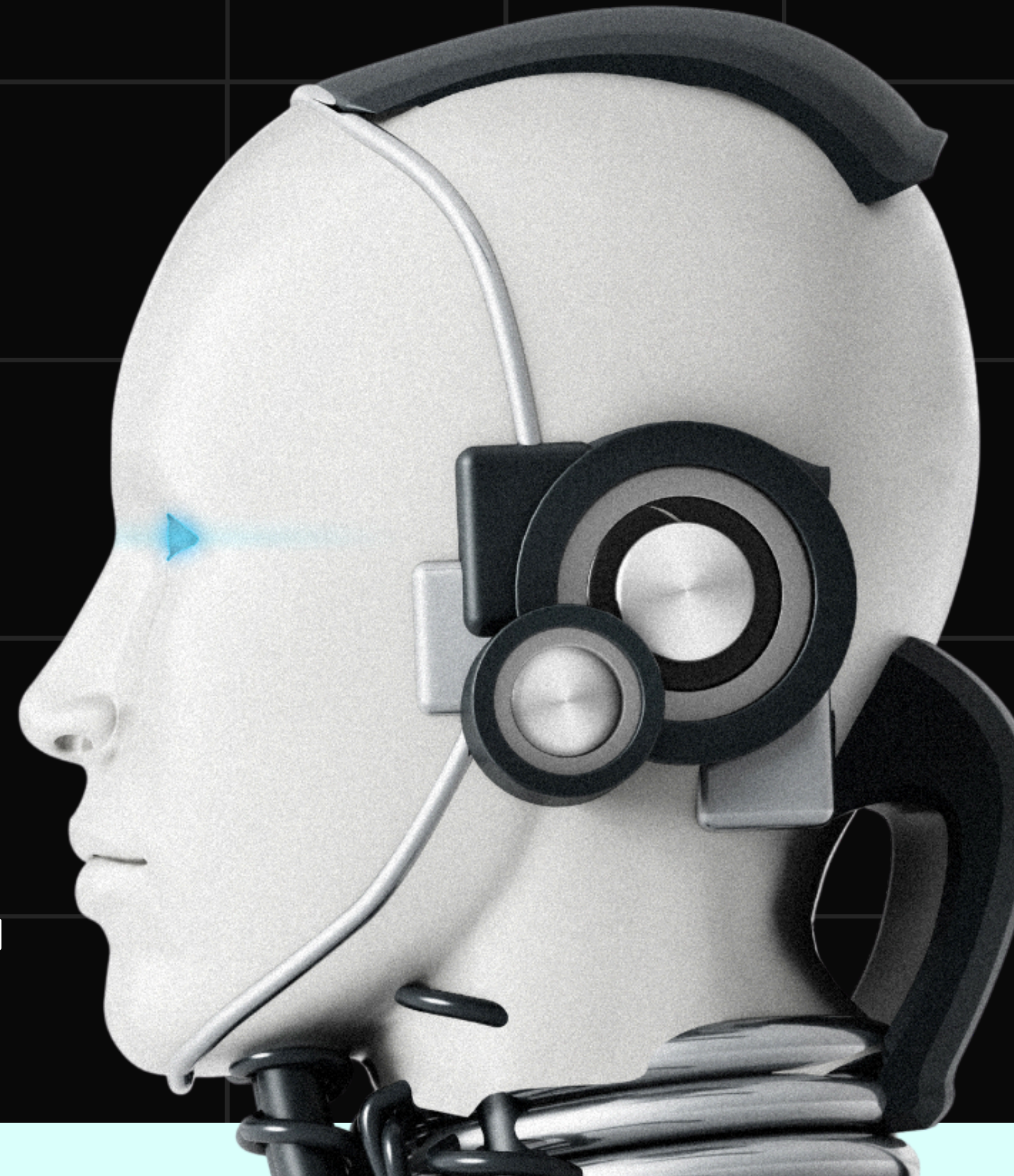
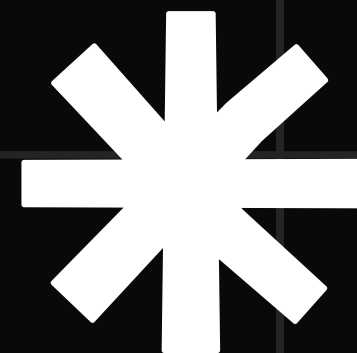
Inconsistent Practice Environment

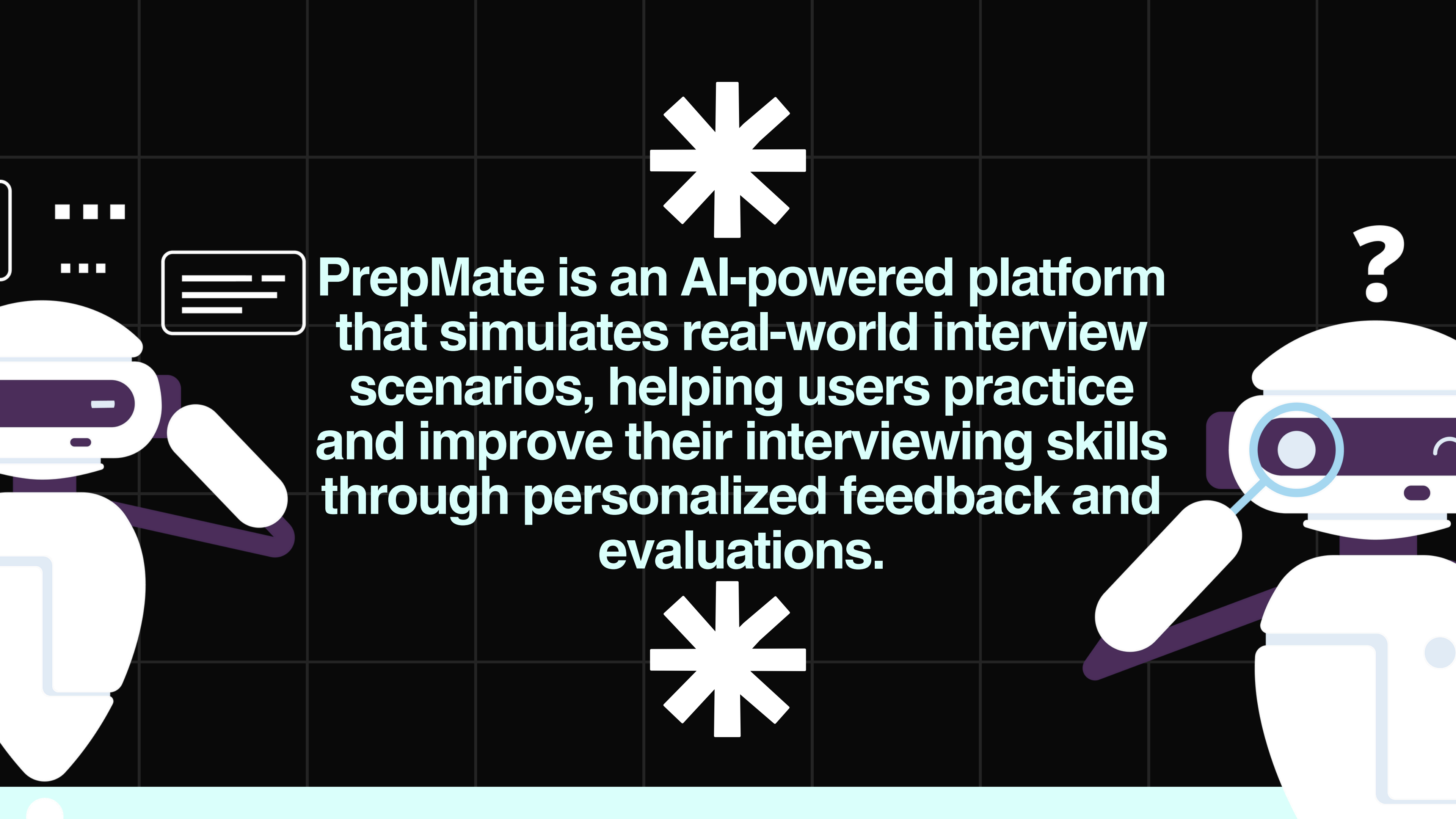
- Home practice lacks the pressure and formality of real interviews
- No way to record and review body language and communication patterns
- Difficult to recreate industry-specific interview scenarios



My Solution - PrepMate

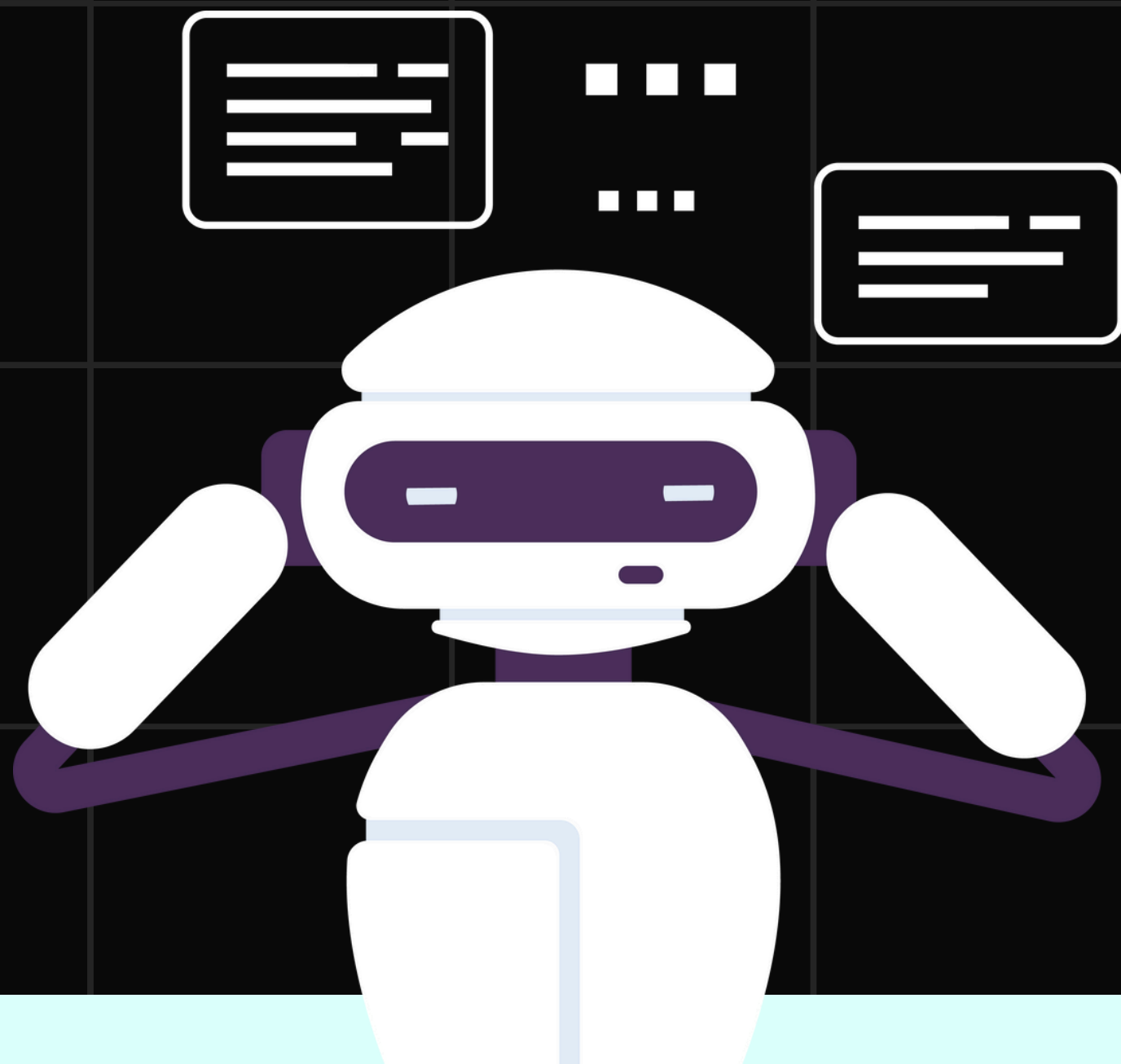
- AI-powered mock interview platform
- Simulates real-world interview scenarios
- Provides instant, detailed feedback
- Accessible anytime, anywhere
- Personalized to user's career goals





PrepMate is an AI-powered platform that simulates real-world interview scenarios, helping users practice and improve their interviewing skills through personalized feedback and evaluations.

Key Features of PrepMate



AI-Powered Question Generation

Automatically creates tailored interview questions based on specific job roles, descriptions, and years of experience, ensuring relevance and appropriate difficulty level.

Video-Enhanced Interview Simulation

Users can record their responses with optional video functionality, creating a realistic interview environment that helps practice both verbal and non-verbal communication.

Progress Tracking Dashboard

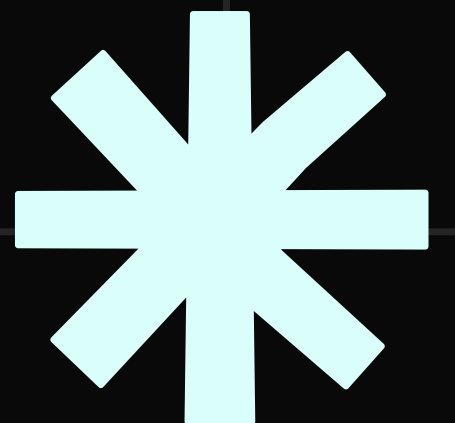
Personal dashboard allows users to review past interviews, track performance trends, and either revisit previous feedback or retake interviews for continued improvement.

Smart Response Evaluation

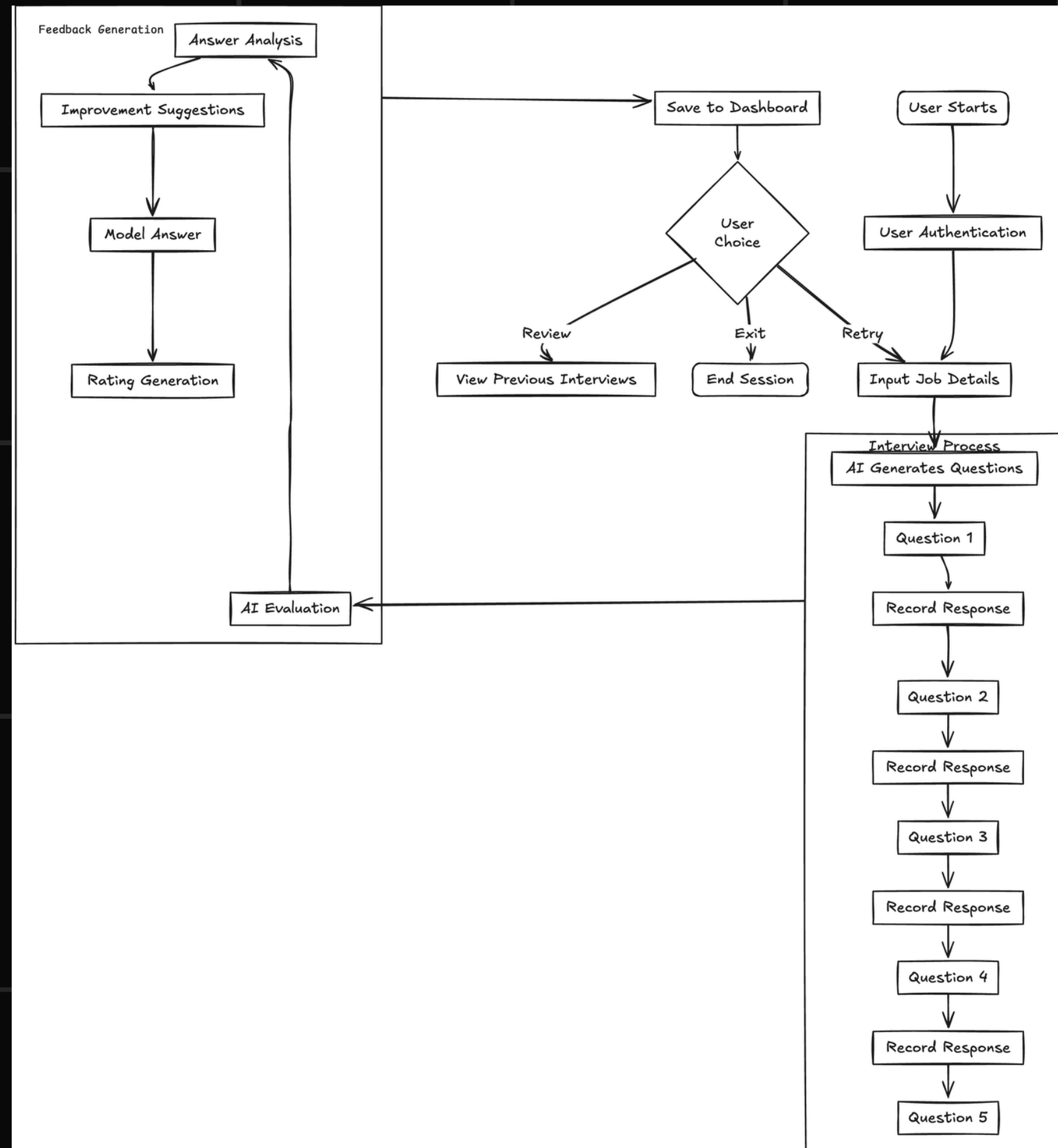
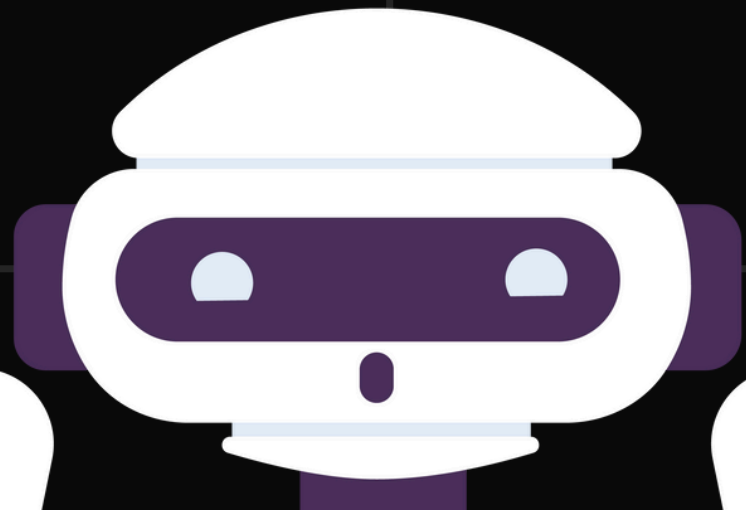
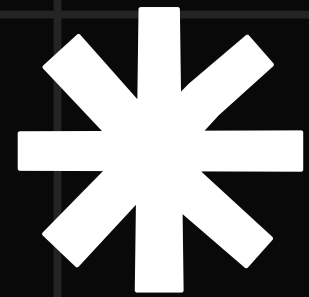
AI analyses each answer in real-time, providing comprehensive feedback on content, delivery, and professionalism with a 5-star rating system.

Personalized Improvement Roadmap

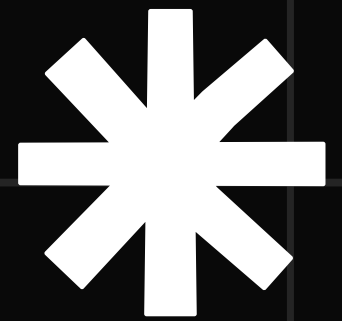
Each evaluation includes original response analysis, specific improvement suggestions, and AI-generated model answers to guide better performance.



Flow Diagram



Tech Stack



NextJS

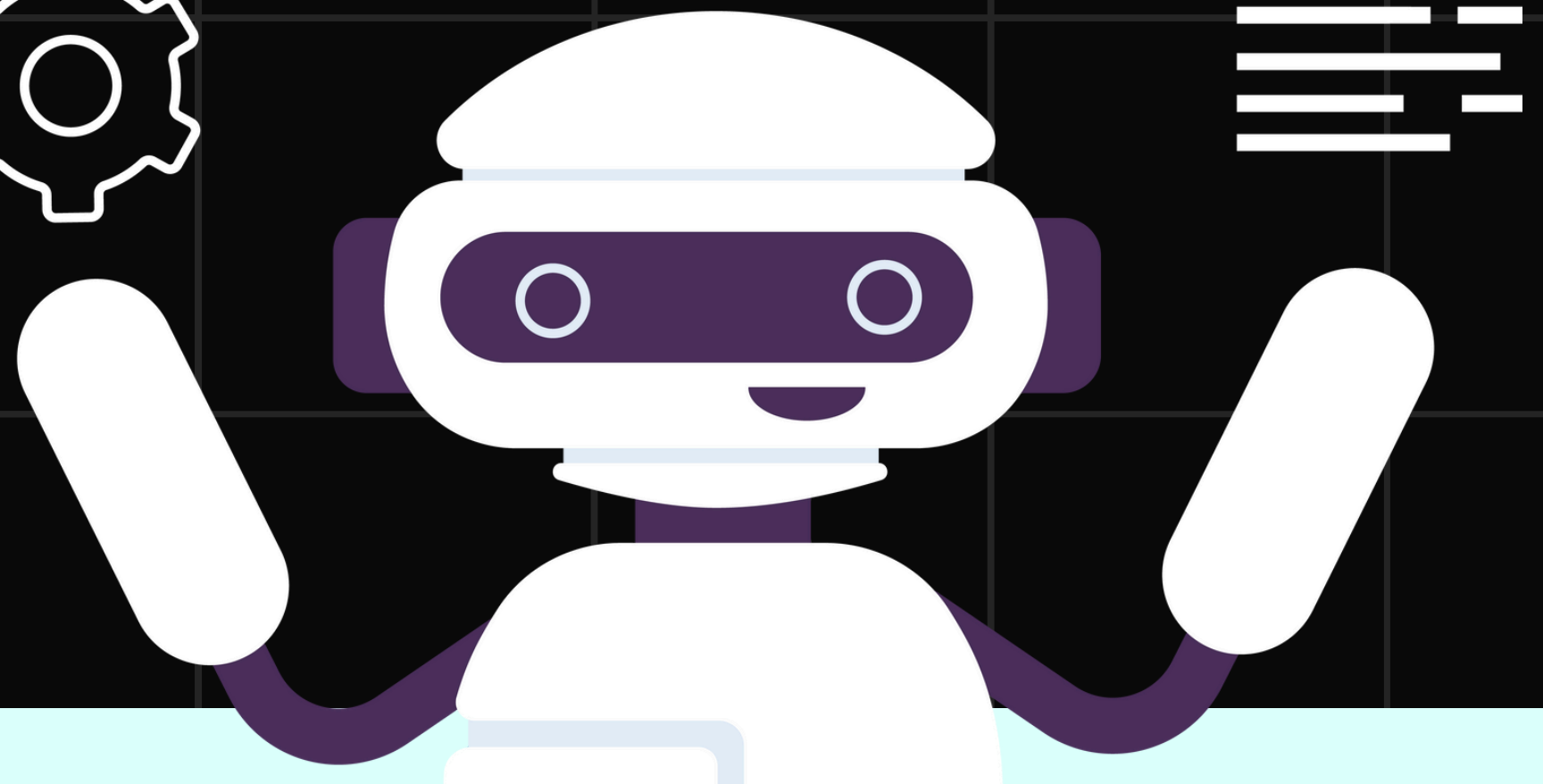
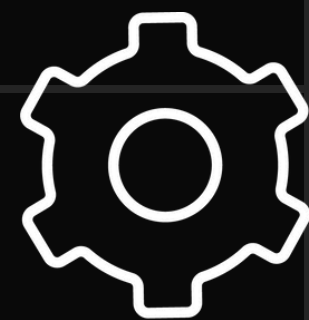
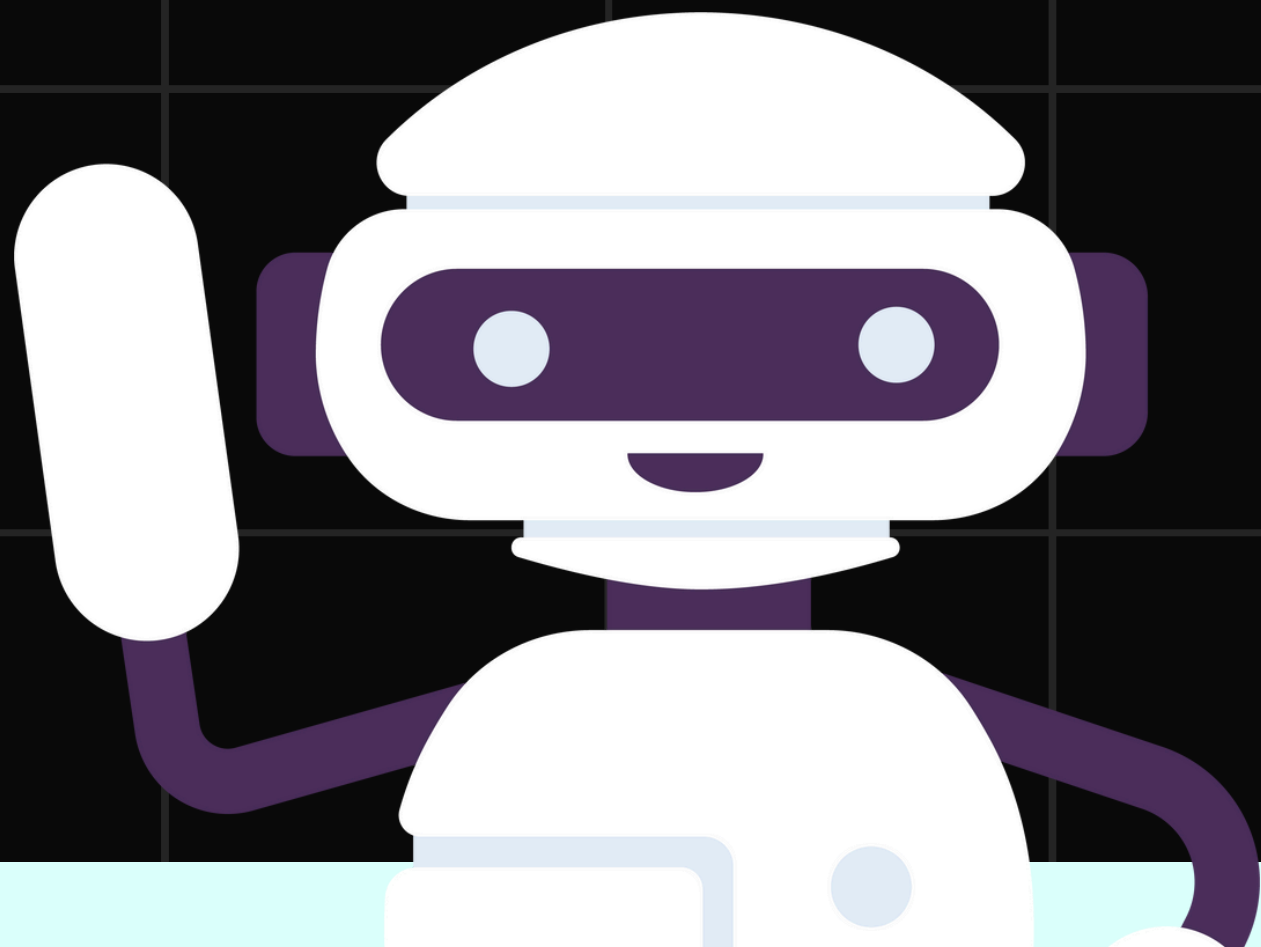
TailwindCSS

Neon Database

Drizzle ORM

Clerk Auth

Gemini AI



Resume review integration

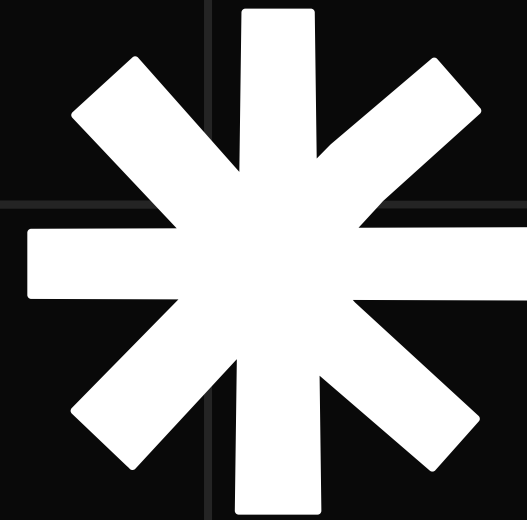
User can review their resume using AI and make their resume ATS friendly.

Interview analytics dashboard

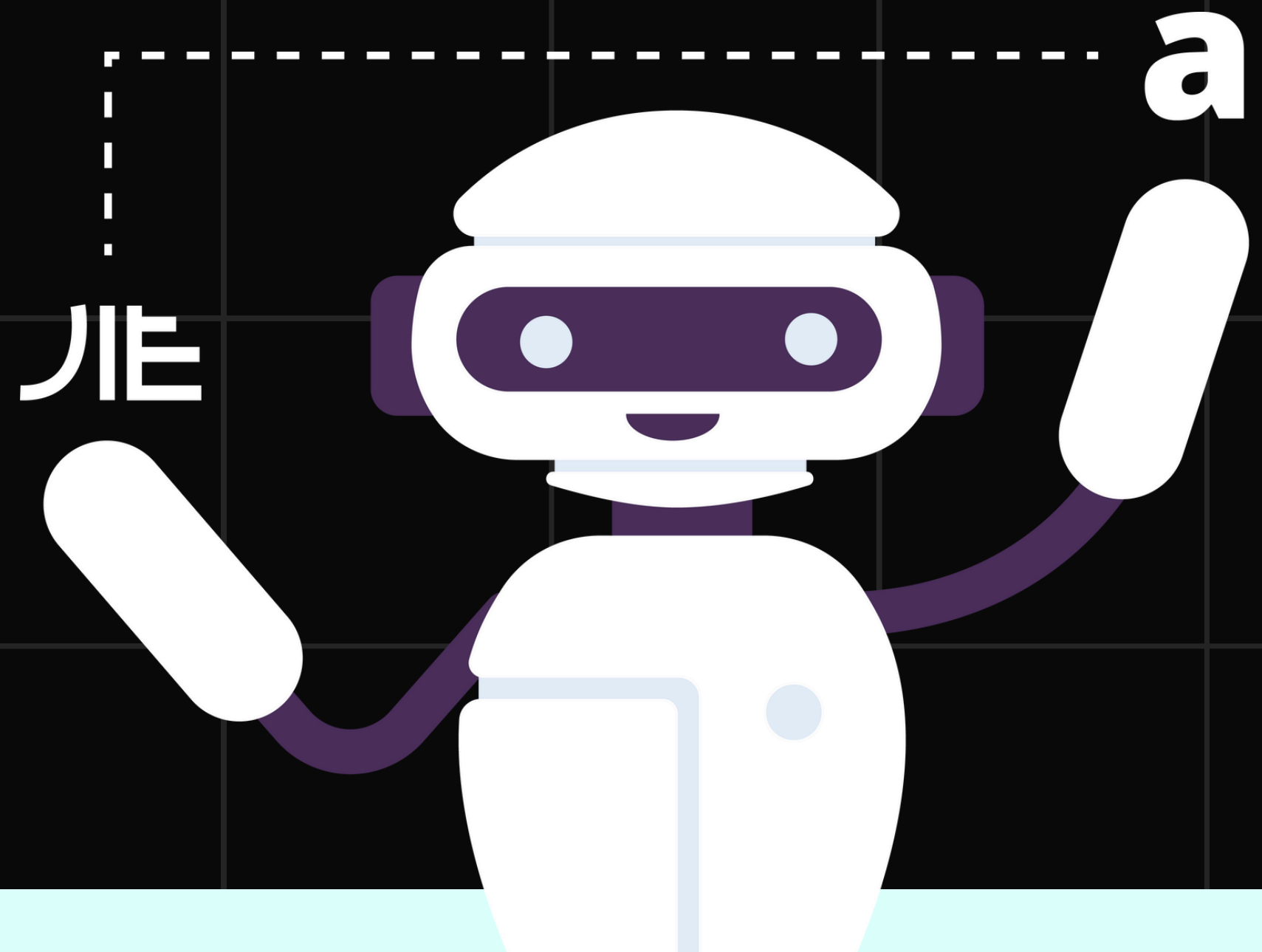
An Analytics Dashboard featuring all the previous interviews in the form of charts for better visualization.

Industry-specific question banks

Users will get access to Question Banks of industry they are targeting for even better preparation.



Future Scope



Thankyou

Prepared by - Mehul Uttam

Github Repo Link - [Prepmate Github Repo](#)

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