

LEARNTOCODE.AI

PRESENTATION

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ON

THE PROBLEM

Many beginners struggle to find interactive, personalized coding practice and feedback.

Existing platforms may lack real-time feedback, adaptive difficulty, or engaging leaderboards.

Goal: Make coding education more interactive, adaptive, and motivating.

THE SOLUTION

LEARNTOCODE.AI

Our program provides an interactive coding learning platform.

Personalized question sets based on user level and progress.

The system provides real-time feedback and scoring.

Additionally, the use of a leaderboard to motivate and track progress.

01

Interactive

02

Personalized

03

Real-time feedback and scoring

KEY FEATURES

ADAPTIVE QUESTIONS

Unlimited questions tailored to user's skill level

USER AUTHENTICATION

Signup and login with secure password hashing

REAL-TIME LEADERBOARD

See how you rank among peers

PROFILE MANAGEMENT

Update and view user profile

LOADING FEEDBACK

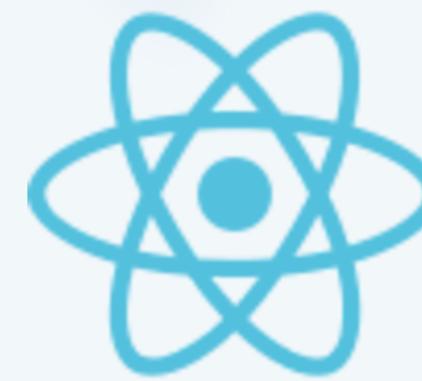
User-friendly loading screens during API calls

03

THE IDEATION JOURNEY

Project.

Studio Shodwe



BRAINSTORMING TO BRILLIANCE

CHALLENGES & SOLUTIONS

- Challenge: Handling CORS and cross-origin requests
- Solution: Used CORS middleware in Express.
- Challenge: Ensuring secure authentication
- Solution: Used bcrypt for password hashing.
- Challenge: Keeping UI responsive during API calls
- Solution: Added loading screens and spinners.

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Project.

05

- Add more languages and question types
- Gamification (badges, streaks)
- Social features (friends, challenges)

FUTURE WORK

FUTURE PLANS AND ASPIRATIONS



THANK YOU