

TEAM: NEON

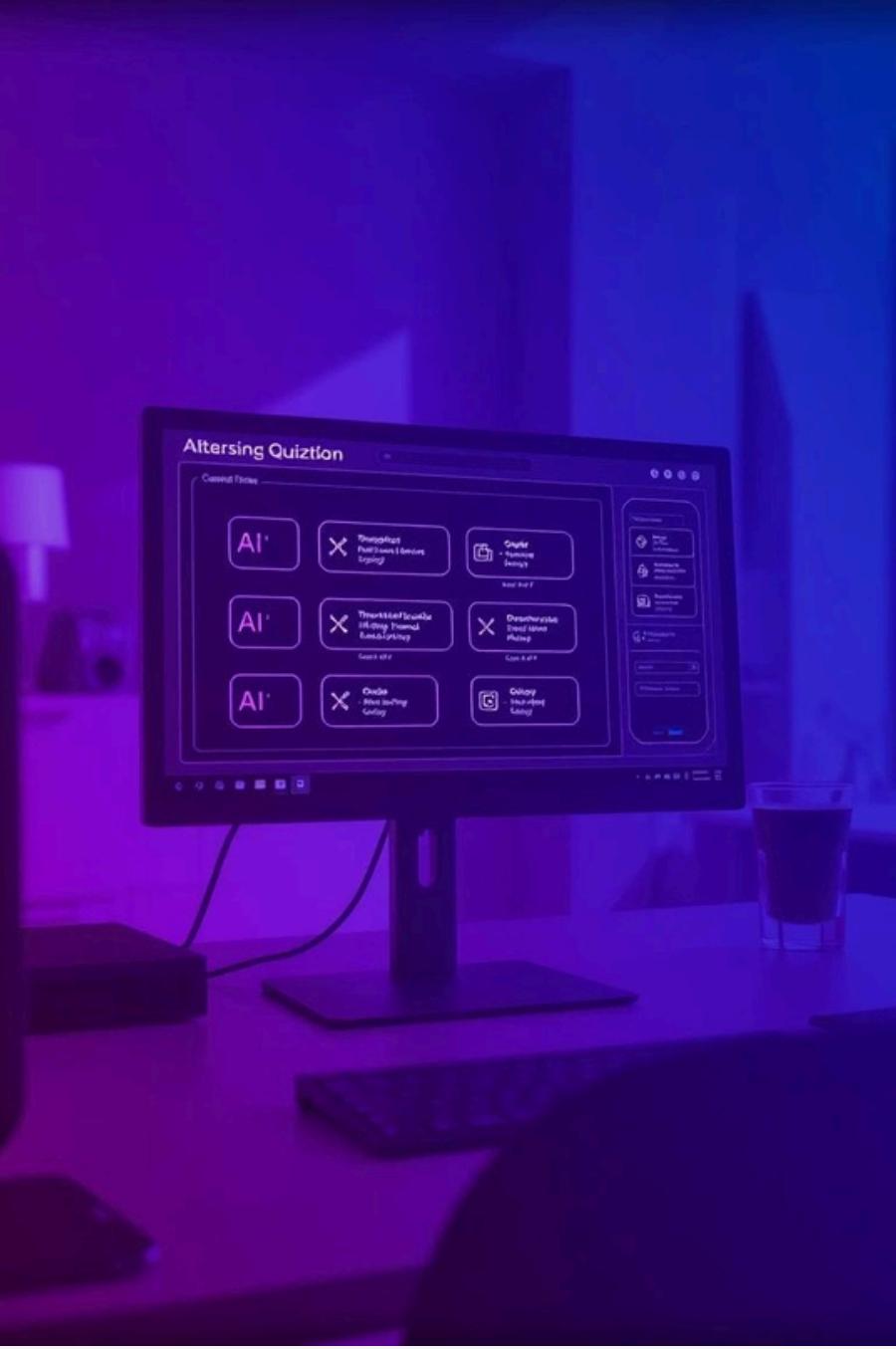
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QUIZ CRAFT AI: Your Time-Saving Teaching Assistant

Teachers spend about 8 hours weekly creating quizzes manually. This repetitive task reduces time for lesson planning and student engagement. We introduce an AI-powered quiz generator to transform how quizzes are created, saving teachers precious time.



Introducing AI Quiz Generator: Personalized Learning, Simplified

Automation

Creates quizzes based on topic, difficulty, and question count automatically.

Time Saving

Frees teacher time for focused, personalized instruction and student interaction.

Work-Life Balance

Decreases administrative quiz tasks, reducing teacher burnout.

Core Functionality: Power at Your Fingertips

Topic Input

Enter any subject such as
<Photosynthesis= or
<American Revolution.=

Question Number

Set quiz length: 5, 10, 20
questions or more.

Difficulty Levels

Choose Easy, Medium, or
Hard to suit learner needs.

Instant Generation

AI produces relevant
questions and answer keys
instantly.

Under the Hood: Gemini API and React Frontend



React.js Frontend

Creates a smooth and user-friendly quiz creation interface.



Postman API Testing

Ensures reliable communication between UI and backend AI services.



Gemini API

Delivers accurate, topic-relevant question generation powered by AI.



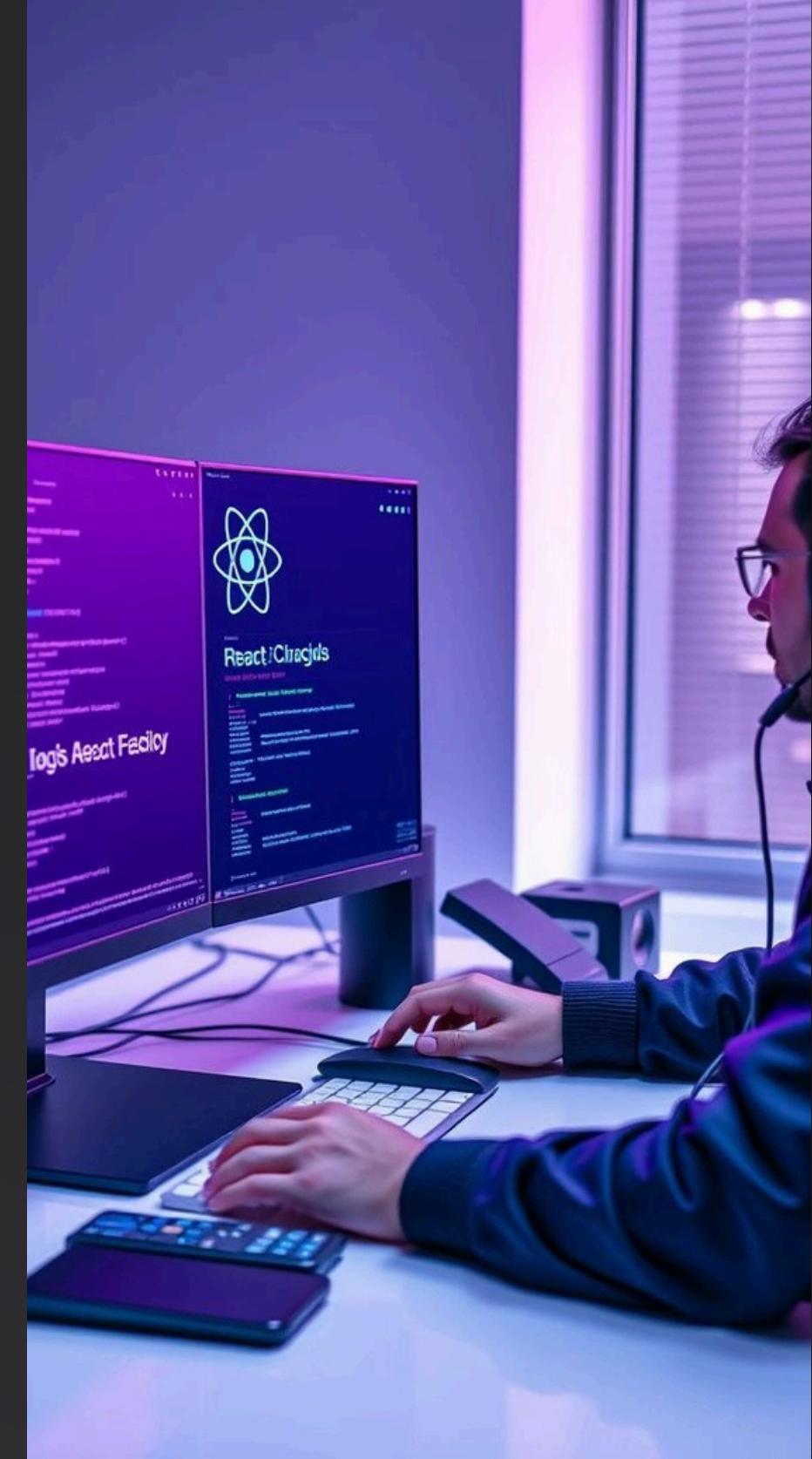
VSCode Development

Primary environment for coding and integration tasks.



Node.js

Node.js is a fast, scalable runtime for running JavaScript on the server.



Benefits: Efficiency, Accuracy, and Engagement

 **90% Time Saved**
Quiz creation time dramatically reduced each week.

 **AI Accuracy**
Trained on over a million questions for factual and format-rich content.

 **Personalized Learning**
Tailored quizzes matching topics and difficulty levels.

 **Student Engagement**
Relevant assessments boost motivation and scores.



Use Case: Real-World Impact in the Classroom

Quick Quiz Creation

High school teacher creates 10 questions in under a minute.

Time Comparison

Manual creation takes nearly an hour for the same task.

Personalized Feedback

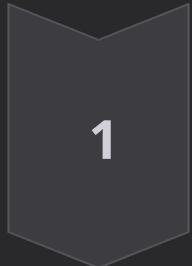
More time saved allows tailored student feedback sessions.

Improved Results

Targeted quizzes increase test scores by 12%.



Future Roadmap: Expansion and Innovation



LMS Integration

Connect with systems like Canvas and Blackboard seamlessly.



Multi-Language Support

Enable global usage with diverse language options.



Custom Question Banks

Allow teachers to add their own content to the AI database.



Advanced Analytics

Track student performance and quiz effectiveness trends.



Empowering Educators, Enhancing Learning



Efficiency Boost

Save hours weekly for better teaching and engagement.



Quality Quizzes

Instant, accurate, and tailored assessments every time.



Transformative Tech

Join the future of education with AI-powered tools.

THANK YOU