

# TYPE SPEED MASTER

Improve your typing speed and accuracy with our state-of-the-art typing test platform. Practice regularly to enhance your typing skills and boost productivity.

## TEAM : TECH TITANS

TEAM LEADER:- ADITYA KUMAR TIWARI

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# PROBLEM STATEMENT

In today's digital world, fast and accurate typing is essential for students, professionals, and workers. Many struggle with slow speeds, errors, and lack engaging tools. Current platforms miss personalization and real-time analytics. A user-friendly, interactive website with progress tracking, personalized exercises, and gamified features is needed for consistent improvement.



# SOLUTION

TypeSpeedMaster is an AI-powered typing coach that boosts performance through real-time feedback, error tracking, and analytics. It offers an interactive chatbot for personalized tips, real-time WPM and error analysis, custom practice drills, and a performance dashboard showing trends and heatmaps. With a privacy-first approach, all typing data is stored locally or encrypted for security.

# FEATURES AND TECH STACK

## Core Features:-

- Interactive typing tests with real-time WPM and accuracy metrics
- Advanced statistics tracking with detailed performance analysis
- Character-specific performance metrics and recommendations
- Daily typing challenges and achievements
- Customizable practice modes with varying difficulty levels
- AI-Powered text generation for varied practice material

## Technology Stack:-

- React with TypeScript for robust, type-safe code
- Tailwing CSS for modern, responsive styling
- Shadcn/UI for accessible and customizable components
- Framer motion for smooth animations and transitions
- Recharts for interactive data visualization
- Modern API integration for AI-Powered features



# UNIQUE SELLING PROPOSITION

TYPESPEED MASTER IS NOT JUST ANOTHER TYPING TOOL – IT IS A PERSONALIZED, GAMIFIED, AND ANALYTICS-DRIVEN PLATFORM DESIGNED TO TRANSFORM TYPING PRACTICE INTO A FUN, COMPETITIVE, AND DATA- ENRICHED EXPERIENCE. UNLIKE GENERIC TYPING WEBSITES, WE COMBINE REAL-TIME PERFORMANCE TRACKING, USER PROFILES, MULTI-MODE PRACTICE OPTIONS, AND PROGRESSIVE DIFFICULTY LEVELS TO CREATE A FULLY CUSTOMIZED LEARNING JOURNEY.

## UNIQUENESS

TYPESPEED MASTER STANDS OUT BY COMBINING REAL-TIME PERFORMANCE ANALYTICS, GAMIFICATION ELEMENTS LIKE SCORE TRACKING AND LEVELS, MULTIPLE CUSTOM PRACTICE MODES, A CLEAN AND RESPONSIVE USER INTERFACE, AND A PERSONALIZED LEARNING APPROACH – ALL IN A SINGLE, LIGHTWEIGHT, WEB-BASED PLATFORM WITHOUT ANY LOGIN REQUIREMENTS.



# FUTURE SCOPE

- INTEGRATE USER AUTHENTICATION TO ENABLE SAVED PROFILES AND TRACK LONG-TERM PROGRESS
- ADD MULTIPLAYER TYPING RACES FOR REAL-TIME COMPETITION WITH FRIENDS OR GLOBAL USERS
- INTRODUCE AI-BASED DIFFICULTY ADJUSTMENT BASED ON USER PERFORMANCE TRENDS
- EXPAND LANGUAGE SUPPORT FOR MULTILINGUAL TYPING PRACTICE
- IMPLEMENT LEADERBOARDS AND DAILY/WEEKLY CHALLENGES TO BOOST USER ENGAGEMENT

# HOW IT WORKS

## Step 1. User Sign-Up

Create a profile and optionally take a typing diagnostic test.



## Step 2. Smart Analysis

Real-time analysis of WPM, errors, and typing rhythm.



## Step 3. Chat Interaction

Get immediate feedback and ask the chatbot for improvement suggestions.

## Step 4. Continuous Learning

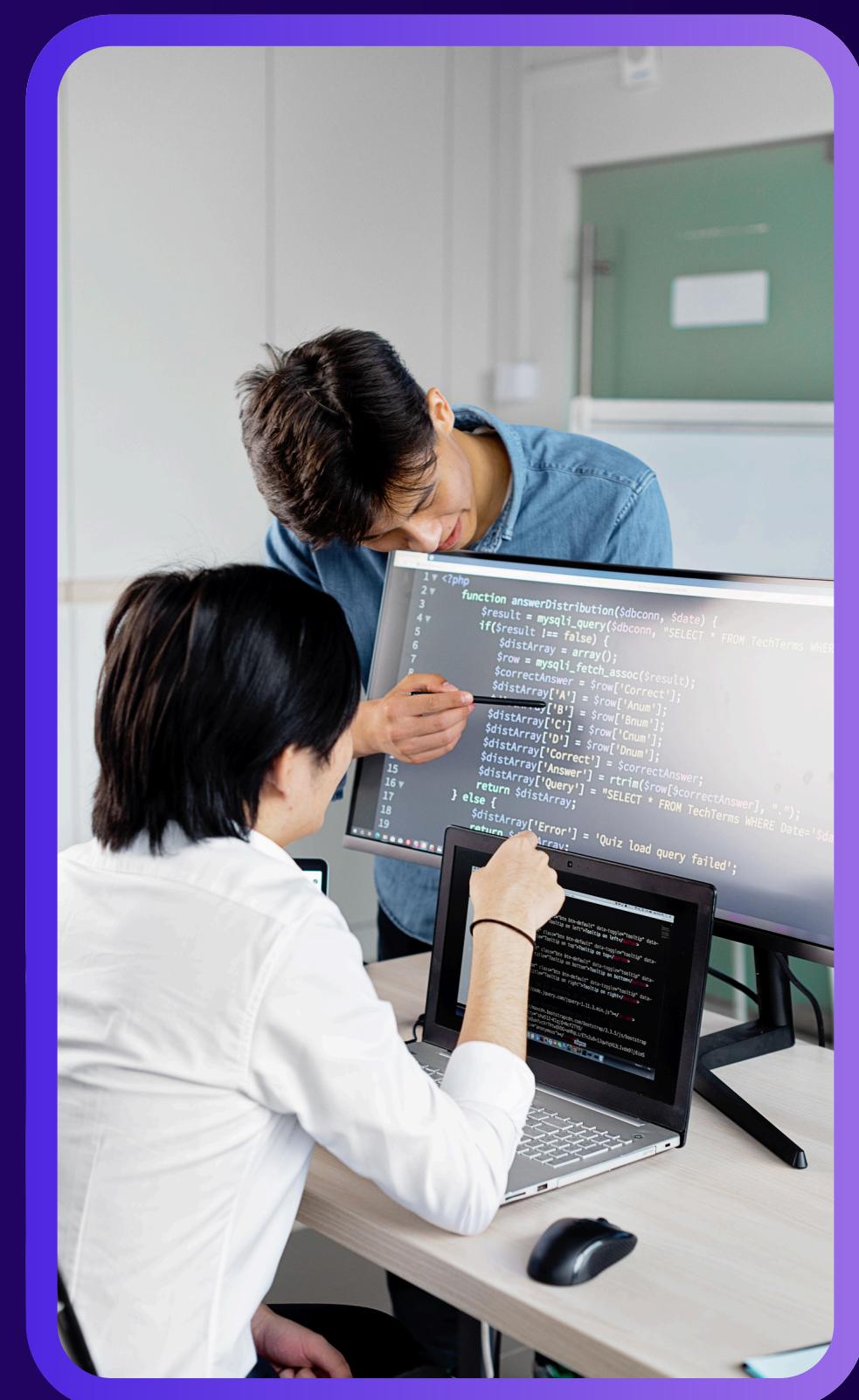
AI learns from your sessions and adapts recommendations accordingly

# VISUAL PRESENTATION

Follow this video for clear instructions

The screenshot shows the TypeSpeed Master website. At the top, there's a navigation bar with links for Home, Practice, Statistics, Leaderboard, Achievements, Profile, and About. A modal window is open, listing various modes: Typing Test, Practice Mode, Multiplayer, AI Challenge, and Updates. Below the modal, a large banner reads "Elevate your skills, boost your productivity". Underneath the banner, a text block says "Enhance your typing speed and accuracy with our advanced, interactive typing tests. Challenge yourself, track your progress, and watch your WPM soar to new heights!". At the bottom of the page, there are buttons for "Start Typing Test", "View Leaderboard", "GitHub", "4.9/5 Rating", and "10K+ Users". On the right side, there's a summary of the user's performance: 12 WPM, 13.8% Accuracy, #1 Rank, 85 Best WPM, and 8d Day Streak. The total characters typed is 5,774.

Step 2:-User can choose any of mode



video link : [Typespeed Master](#)

# CONCLUSION

## Experience the Demo

Try our live demo at <https://typespeedmaster.netlify.app/>

## Evaluate Our Impact

Check out our performance metrics and session logs.

## Collaborate With Us

We're open to partnerships, research collaborations, and mentorship.

## Join the Typing Revolution

Let's boost global productivity—one keystroke at a time.

**Thank you for considering \*[typespeedmaster.netlify](https://typespeedmaster.netlify.app/)\*. We believe that, together, we can annex typing phobia and help millions to have good skills.**





THANK FOR YOUR  
ATTENTION