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(57) Abstract :
 The present invention discloses a smart glasses interface device (102) featuring an augmented reality display (110) for live coding assistance. It overlays real-time syntax suggestions, error messages, and documentation within the user's visual field. Integrated with gesture sensors (104) and voice command modules, the device connects wirelessly to development environments, enabling hands-free interaction. By reducing context switching and enhancing coding accuracy, the device supports developers during live coding, competitive programming, and educational tasks with real-time, intuitive, and non-intrusive visual guidance.

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