SentinelBar

(AI-Powered Pentesting & Web Security Extension)

ABSTRACT

In today's rapidly evolving digital landscape, web security is a paramount concern for developers and security professionals alike. SentinelBar is an innovative Chrome extension that integrates both AI-driven insights and Hackbar functionality into a single tool, designed to streamline web penetration testing and provide real-time security guidance.

SentinelBar enables users to simulate common web attacks such as SQL Injection, XSS, and CSRF using an intuitive Hackbar interface while simultaneously leveraging the power of AI to analyze these attacks and offer actionable security recommendations. The built-in AI chatbot assists users by explaining vulnerabilities, suggesting prevention techniques, and offering real-time, context-aware guidance to enhance web security practices.

By combining offensive testing capabilities with proactive defense strategies, SentinelBar offers a comprehensive solution that not only identifies security flaws but also educates users on how to fix and prevent them. This dual approach makes SentinelBar a valuable tool for both novice developers and experienced security professionals looking to safeguard their websites from threats efficiently.

Features: SQL Injection, XSS, Local File Inclusion (LFI), WAF Bypass, SQL Bypass, CSRF, Command Injection, Remote File Inclusion (RFI), Session Fixation, Directory Traversal, Open Redirect, HTTP Header Injection

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