BotBlocker: AI-Powered Bot Detection for a Safer Internet

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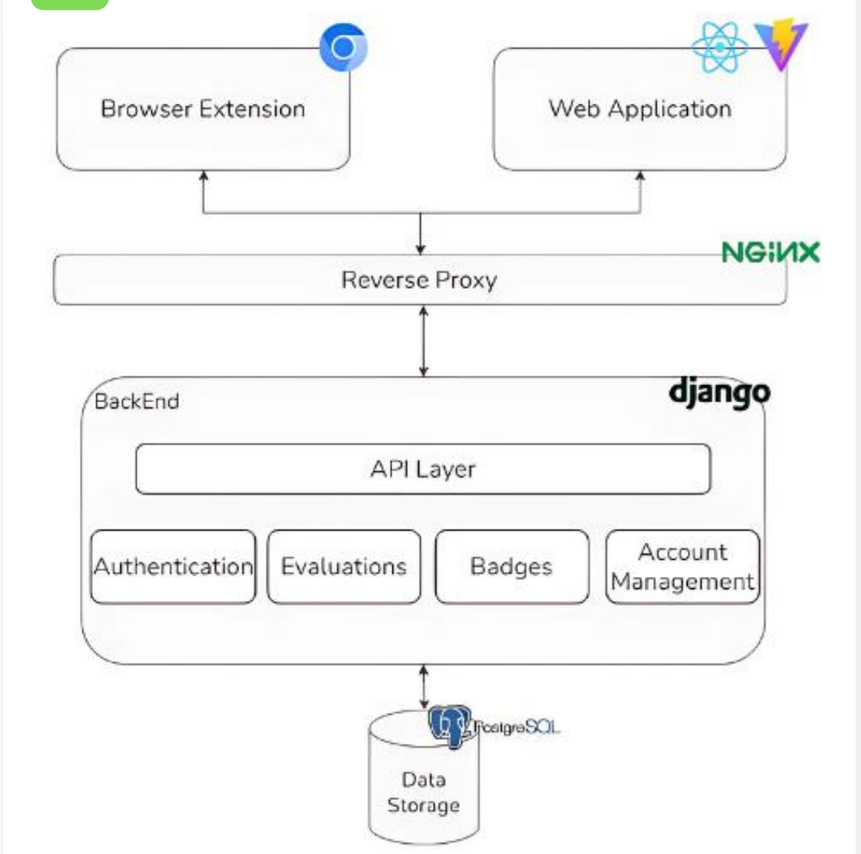
BotBlocker

Abstract: BotBlocker helps users detect and block AI-driven social media accounts in real time. Combining community voting with credibility scoring, it promotes authentic interactions. The platform offers tools for blocking suspicious profiles and restoring trust online.

Methods

1 System architecture

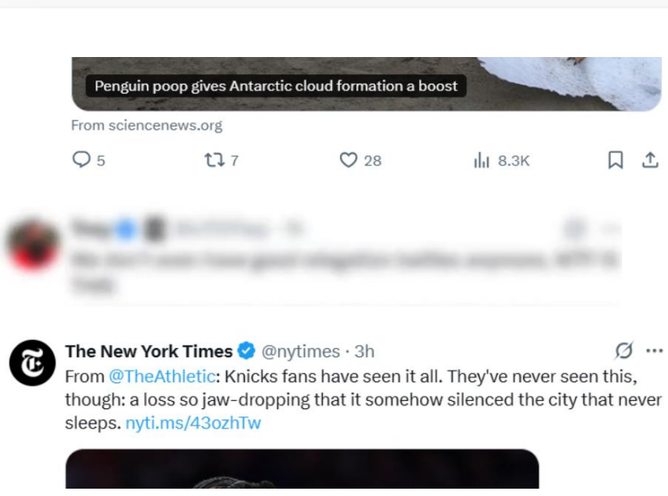


BotBlocker combines a browser extension, website, and admin panel. The extension flags and blocks suspicious accounts. The website shows profile scores and vote history. All components connect to a backend with PostgreSQL for data storage and credibility scoring.

Results

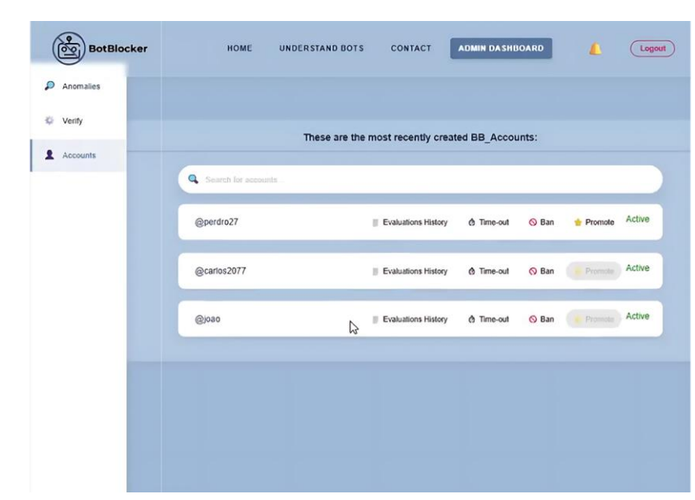
Result 1 – Profile Blocking in Action

Users can block suspicious accounts directly using the browser extension, hiding unwanted interactions in real time.



Result 2 – Admin Interface Overview

Admins can monitor evaluations, review profiles, and detect spam voting, ensuring fair and accurate credibility scoring.



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Conclusions: BotBlocker empowers users to take control of their digital experience. By combining community input with human moderation, it enhances transparency, reduces misinformation, and promotes authentic online interactions.