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Ethical hacking and Cybersecurity Course



Problem Statement

Fuzzing, which systematically tests software with random data to identify security flaws, is labor-intensive. Our solution offers a more automated, efficient approach for contemporary software complexities.

Proposed Solutions

- Code Healer Introduction: AI software automates error handling and vulnerability detection with smart AI suggestions.



Specifications

- Automated Debugging: Leverages AI API's for efficient error resolution and security.



Gemini

- Design Constraints: Seamlessly fits into current development tools and workflows.

Design



Results and Validation

Initial Results: Code Healer proves more efficient at fixing software vulnerabilities compared to traditional methods.



Conclusions and Future Work

Our Product Marks a new era in software testing, enhances security and reliability, and foreshadows AI's role in cybersecurity advancements. Api based smart suggestion during coding. Supporting more Fuzzers

