Audit Report - 59bc6ec0-12b9-4671-9f58-445665522486

Vulnerabilities

HIGH - Line 146

Issue: Reentrancy vulnerability in fulfillRandomWords function

Recommendation: Use the Checks-Effects-Interactions pattern and consider using a reentrancy lock

MEDIUM - Line 93

Issue: Use of 'call' with no gas limit for sending Ether

Recommendation: Consider using a gas limit or a more secure method like OpenZeppelin's Address.sendValue

LOW - Line 35

Issue: Use of 'payable(msg.sender)' without checking for potential address(0) input

Recommendation: Validate msg.sender is not address(0) before using it

Gas Optimizations

Estimated Gas Usage: 15,00,000 gas

Line 77: Use '!= 0' instead of '> 0' for uint256 comparisons

Estimated Savings: 100 gas

Line 148: Reset s_players array using a more gas-efficient method

Estimated Savings: 5,000 gas

Line 38: Consider packing RaffleState with other small variables to reduce storage slots

Estimated Savings: 2,000 gas