

# ForwardFin V3.9.2 | Master Audit

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## 1. The ForwardFin Strategy (Ideal State)

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The strategy is a mean-reversion system designed to capture institutional reversals. It operates on a strict daily protocol:

1. ASIA ANCHOR (03:00 - 08:59 SAST): The bot monitors the Asian session to define a range.
2. THE KILL ZONE (09:00 SAST): The bot projects a Standard Deviation Extension (2.0x) away from the range. This is the exhaustion point.
3. SMT DIVERGENCE: At the Kill Zone, the bot compares Nasdaq (NQ) vs SP 500 (ES). If they disagree, it confirms the move is a trap.
4. EXECUTION: On the 1-minute chart, it waits for a Break of Structure (BOS) + Fair Value Gap (FVG).

## 2. Current Code State (V3.9.2)

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The codebase hosted on Render (Cloud) implements this with specific settings:

- DATA SOURCE: Yahoo Finance (Free Tier).
- ASSETS: NQ=F (Nasdaq Futures) and ES=F (SP 500 Futures).
- TRADING WINDOW: 09:00 - 21:00 SAST. Outside these hours, the bot sleeps.
- STALE DATA: The Safety Guard is DISABLED. It accepts old data to keep the dashboard alive.

## 3. STRATEGY AUDIT: Reality vs. Code

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This section outlines where the current code fails to meet the strategy due to technical limits.

### CRITICAL GAP: 1. The Latency Gap (Yahoo Finance)

The Strategy demands Sniper entries on 1-minute charts. However, the Free Data Feed delays price by 15-20 minutes.

IMPACT: The bot calculates signals based on where the price WAS 20 minutes ago. If you receive a signal, the trade setup likely occurred in the past. You are effectively trying to snipe a target that has already moved.

### CRITICAL GAP: 2. Futures vs. CFD Pricing

The Code analyzes Futures (NQ=F), but you trade CFDs (US 100) on Capital.com.

IMPACT: There is a permanent 'Fair Value' price difference. Futures trade approx 100 points HIGHER than your chart. When the bot says 'Sell at 25,900', your chart will show '25,800'. You must mentally subtract 100 points from every signal price.

### CRITICAL GAP: 3. Stop Loss Calculation

The Code finds the 'Lowest Low of the last 5 candles' for Stop Loss.

IMPACT: In volatile markets, the true swing low might be 10 candles ago. The bot's calculated Stop Loss might be tighter than intended, increasing risk of early stops.

## 4. Operational User Guide

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To trade with V3.9.2 safely:

1. IGNORE TIMESTAMPS: Assume every signal is 15 minutes late.
2. ADJUST PRICE: When a signal arrives, subtract approx 100 points to match your chart.
3. MANUAL CONFIRMATION: Use the bot as a Scanner. Always confirm the pattern visually.