# AutoTrader Bot Development Brief – PulseStrike (Momentum Bot)

## Bot Name:

PulseStrike

## Bot Role:

Momentum and breakout-focused bot designed to detect high-probability entries following price compression or volatility squeeze setups. PulseStrike complements ApexFlow by acting quickly in fast-moving environments to capitalize on price expansion.

## Target Monthly Return:

~4% monthly compounding

## Timeframes:

15M and 1H charts

## Trade Frequency:

3–5 trades per week (per pair or asset)

## Market Focus:

Forex majors, volatile pairs, and strong trend continuation setups (e.g., GBP/JPY, EUR/USD, AUD/USD)

## Entry Conditions:

- Price consolidation pattern or tight range (volatility squeeze)  
- Bollinger Band Width squeeze or ATR compression (indicator optional)  
- Breakout candle must close outside recent range (last 10 bars)  
- RSI (14) confirming directional momentum (above 55 for longs, below 45 for shorts)  
- Avoid trading immediately before high-impact news

## Exit Conditions:

- Take Profit: Trailing stop activated after price moves 1R  
- Fixed TP option: 1.5R to 2R (user adjustable)  
- Stop Loss: Recent range low (long) or high (short), or ATR-based buffer  
- Optional exit on RSI reversal or sharp candle against position

## Trade Filters / Risk Logic:

- No more than one trade per asset open at once  
- No weekend trades  
- Avoid re-entries within the same range breakout zone  
- Risk per trade: 1% of account capital

## Additional Developer Notes:

- Platform: MT5  
- Must support adjustable parameters (.set compatible)  
- Include toggle for Bollinger/ATR compression detection  
- Trailing TP logic must be accurate and adjustable  
- Full logging and journal tracking required for optimization  
- Allow user to toggle fixed vs trailing TP logic