

TVTool by Unfluke

TVTool is a software product designed to facilitate automated trading based on alerts generated from TradingView. Users can create custom trading strategies using TradingView's alert system and have these alerts automatically trigger trades across various financial instruments and markets.

Features

- **TradingView Integration:** Connect your TradingView account to the software to receive alerts.
- **Custom Indicators:** Utilize custom Pine Script indicators on TradingView to create unique alert conditions.
- **Multi-Market Support:** Trade on equity, NSE index options, futures, and MCX commodity futures in the Indian market.
- **Options Trading:** Specify options parameters like ATM/ITM/OTM or premium value for options trading.
- **Broker Integration:** Choose from a selection of brokers including Alice Blue, Angel One, IIFL, Dhan, Fyers, ICICI, Nuvama, Shoonya, Upstox, and Zerodha.

Limitations

- **TradingView Alert Limit:** Users are restricted by the free TradingView account's limit of 5 simultaneous price alerts and 1 technical alert using indicators.
- **ICICI Option Order Delay:** ICICI broker option orders may experience a delay of approximately 1 minute when using premium value for selection.
- **Alice Blue:** Options Orders are not available. Only Equity, Futures, MCX Futures.
- **Dhan API Subscription:** Dhan broker require a subscription at some cost.
- **Single Sign-in:** 1 account can be logged in only 1 system at a time.

Supported Actions

- **Equity Trading:** Execute buy/sell orders for stocks.
- **Index Options Trading:** Place trades based on specified parameters (ATM/ITM/OTM, premium value).
- **Stock/Index Options Trading:** Place trades based on strike value on Index or Stock Options.
- **Stock/Index Futures Trading:** Automate futures contracts trading for stocks or indices.
- **Commodity Trading:** Trade on MCX commodity futures.

Setup Guide

1. Installing

- Simply run the setup file and follow steps shown by default to install. Click on Add Desktop Shortcut for your ease.

2. Launching

- Right click on TVTool Icon on desktop or start menu.
- Click on **Run as Administrator**.

3. Logging in to software

- Enter your login username and password provided to you.
- Accept the Terms and Conditions and then click on Login.
- A Successful message confirms your login.

4. Adding Brokers

- Connect your preferred broker account within the software.
- Click on Add Broker.
- Select your desired broker and hit Next.
- Add Api Keys and press Add.
- For Zerodha – No need to enter any api keys. We make use of encToken to login which is entered while logging in. Process to get EncToken at page no. 7

5. Logging in Broker

- After adding broker click on login button to initiate login process for that broker.
- Enter any inputs if required.
- A successful login message will be shown.

6. Starting TradingView Bridge

- Enter your gmail id you are using on your TradingView account.
- Enter your gmail account app password. Steps to create this password are shown on page no. 7
- Click on Paper Trading to prevent placing orders on Broker and just test Bridge.
- Click on Start Bridge to link TradingView alerts to Software and place orders.

Alert Naming Format

To ensure proper processing of TradingView alerts by the Automated Trading software, it's important to follow a specific naming format when setting up alerts on TradingView. The alert names should be structured in a consistent format to allow the software to accurately interpret and act upon the alerts.

Type	E/F/O	E – Equity, F – Futures, O – Options	
Quantity	1/2/.../50/...	Quantity (Not Lots)	
Order Side	BUY/SELL		
Symbol	RELIANCE/HDFCBANK/....	E	CASH MARKET

	NIFTY/BANKNIFTY/ FINNIFTY/MIDCPNIFTY	F	Current expiry Futures
	NIFTY_NM	F	Next Month Expiry Futures
	RELIANCE	F	Current month stock Futures
	RELIANCE_NM	F	Next Month Expiry Futures
	GOLD/GOLDM/ GOLDGUINEA/GOLDPETAL SILVER/SILVERM/SILVERMIC CRUDEOIL/CRUDEOILM	F	Current Month
	GOLD_NM	F	Next Month Expiry MCX Futures
	NIFTY_ATM_W_CE	O	Nifty Atm Weekly Expiry Call
	NIFTY_ATM+50_W_CE	O	Nifty Atm+50 Weekly Expiry Call
	NIFTY_ATM-50_NW_PE	O	Nifty Atm-50 Weekly Expiry Put
	NIFTY_PREM+100_W_PE	O	Nifty Weekly Put of premium around Rs. 100
	NIFTY_PREM+200_M_PE	O	Nifty Monthly Expiry Put around Rs. 200
	NIFTY_PREM+400_NM_PE	O	Nifty Next Month Expiry Put around Rs. 400

	ATM/PREM not for stock options	O	
	NIFTY_22400_W_PE NIFTY_22000_NW_CE NIFTY_23000_M_CE NIFTY_23200_NM_PE	O	Current Week Next Week Current Month Next Month
	RELIANCE_2000_M_CE RELIANCE_2000_NM_PE Or any other stock	O	Current Month Next Month
Order Type	M/L/SL	Market/Limit/ SL-Limit	Optional Default: M
Price	500	Order Price for Limit or SL-Limit Orders	Required for L/SL order type.
Trigger Price	600	Trigger price for SL-Limit Order	Required for SL- Limit Order.
Product Type	MIS/NRML/CNC		Optional Default: MIS

Final Format: Type Qty Direction Symbol Broker (OrderType, Price, TriggerPrice, Product)

Ex: F 50 BUY NIFTY Fyers (L,20,,Nrml)

Places a Delivery Limit Buy order for 20 rupees Nifty Current Future 50 Qty on Fyers broker, (If you are not giving trigger price leave a comma.)

Ex: F 50 BUY NIFTY Fyers (SL,20,25,Nrml)

Places a Delivery SL-Limit Buy order for price 20 rs, trigger price 25 rs, Nifty Current Future 50 Qty on Fyers broker

Ex: O 15 BUY BANKNIFTY_ATM+100_NW_PE ZERODHA

Places a Intraday Market order for 15 qty of banknifty OTM 1 strike Put next week expiry on Zerodha Broker.

Ex: O 15 BUY BANKNIFTY_ATM+100_NW_PE ZERODHA (,,NRML)

Places a NRML Market order for 15 qty of banknifty OTM 1 strike Put next week expiry on Zerodha Broker.

Ex: O 250 BUY RELIANCE_2900_M_PE ZERODHA

Places a MIS Market order for 250 qty of RELIANCE 2900 strike Put CURRENT MONTH expiry on Zerodha Broker.

Ex: E 2 SELL HDFCBANK ANGEL

Places a Intraday sell order for 2 qty of HDFCBANK equity cash market.

Ex: E 2 SELL HDFCBANK ANGEL (,,CNC)

Places a CNC sell order for 2 qty of HDFCBANK equity cash market. Cash and Carry

Ex: F 2 BUY SILVERMIC ANGEL

Places a Intraday BUY order for 2 qty of SILVERMIC current expiry.

Ex: E 2 SELL GOLDM_NM ANGEL (,,NRML)

Places a Delivery SELL order for 2 qty of GOLDM next expiry.

Zerodha Enc Token Process

Add the EditThisCookie Extension to your browser using following link.

[EditThisCookie \(google.com\)](https://www.editthiscookie.com/)

Login to your Zerodha account. Then click on the extension icon on browser.

Copy Enctoken from there.

Gmail App password creation

Go to <https://myaccount.google.com/apppasswords> login using your gmail account same as for Trading View login.

Google Account

← App passwords

App passwords help you sign in to your Google Account on older apps and services that don't support modern security standards.

App passwords are less secure than using up-to-date apps and services that use modern security standards. Before you create an app password, you should check to see if your app needs this in order to sign in.

[Learn more](#)

You don't have any app passwords.

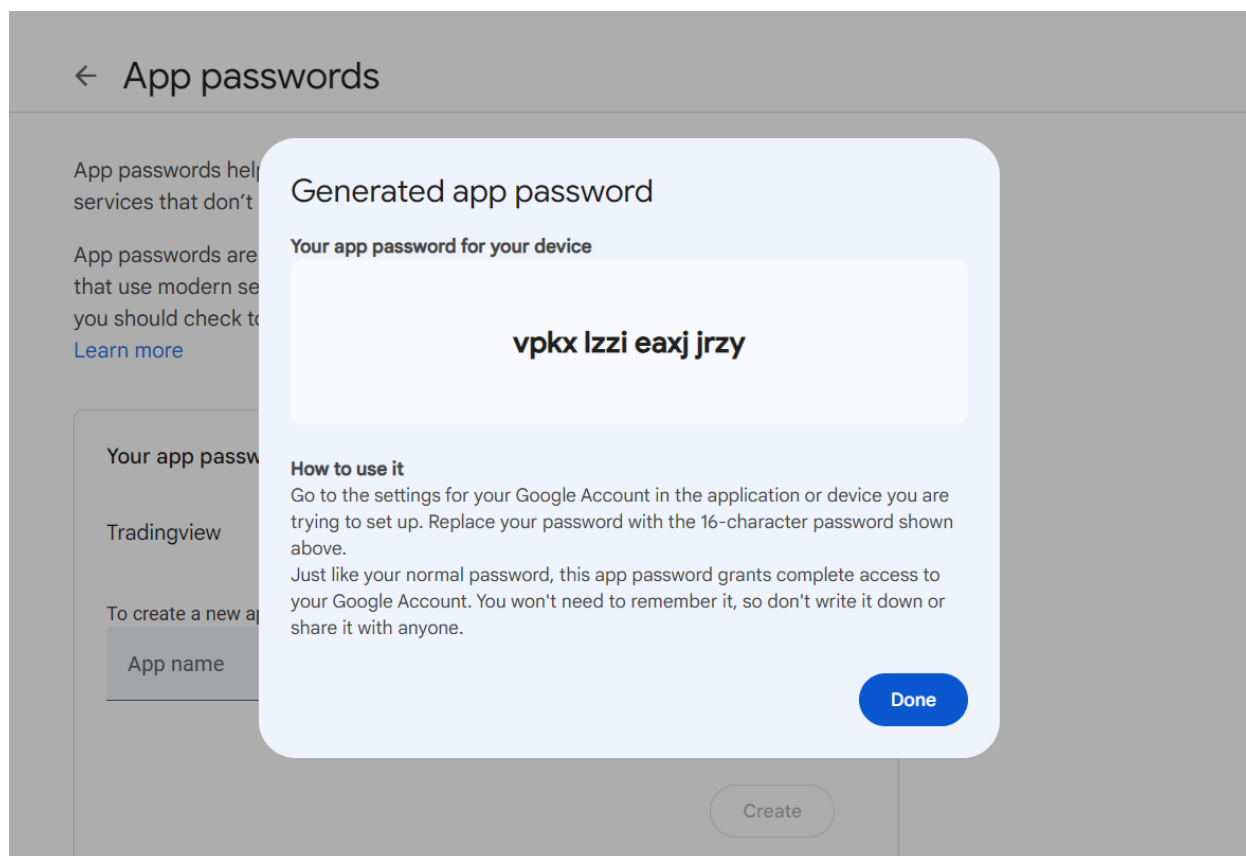
To create a new app-specific password, type a name for it below...

App name

Tradingview

Create

Enter a random App Name and Click Create.



Copy this password and use it in TVTool Trading view Details pane. Remove spaces in Between using notepad.

For Eg Password here should be: **vpkxlzzieaxjjrzy**

If you get an error stating go to your account. Then First enable 2-factor Authentication in your account. Then open link to create app password.

Terms and Conditions

This agreement ("Agreement") is entered into between [Aseem Singhal] ("Instructor" or "We") and yourself ("Student" or "You") in connection to your usage of this tool (TVTool). By using this tool, you acknowledge and agree to be bound by the terms and conditions of this Agreement.

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 - Any losses incurred by you in trading activities, whether or not influenced by this TVTool;
 - Any losses resulting from technology errors, including but not limited to technical glitches, system failures, failure of Python codes, failure of TVTool, or other technical issues;
 - The non-refundable nature of the TVTool fee and the understanding that no refunds will be provided after the usage of the tool commencement; and

- **The understanding that any backtested strategy results presented during the Course do not guarantee future profits or outcomes.**
- **No Financial Guarantee:** The Instructor makes no representations or warranties regarding the profitability or success of any trading strategies or techniques discussed. You understand and acknowledge that trading activities involve inherent risks, and any decisions or actions taken based on the Course content are at your own discretion and risk.
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By using this TVTool, you acknowledge that you have read and understood the terms and conditions of this Agreement. You agree to comply with all the obligations and responsibilities outlined herein.

IF YOU DO NOT AGREE TO ABOVE, YOU SHOULD NOT LOGIN TO THE TOOL.