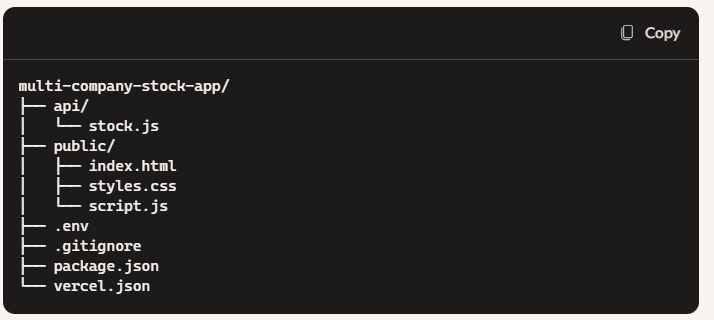
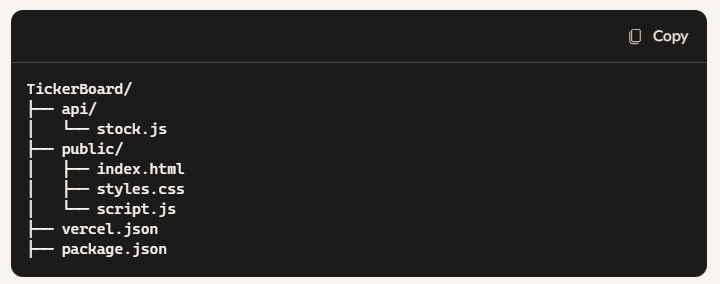
TickerBoard Project



Multi-company-stock-app is actually **TickerBoard in this directory**

****

**🧠 2. Convert server.js into a Serverless Function**

Inside a new /api/stock.js:

js

const { restClient } = require('@polygon.io/client-js');

const rest = restClient(process.env.POLYGON\_API\_KEY);

export default async function handler(req, res) {

const ticker = req.query.ticker?.toUpperCase() || 'AAPL';

try {

const data = await rest.stocks.aggregates(

ticker,

1,

'day',

'2025-01-01',

'2025-05-11'

);

res.status(200).json(data);

} catch (error) {

res.status(500).json({ error: 'An error occurred: ' + error.message });

}

}

> This replaces the old Express server—you no longer need express, dotenv, or app.listen.

**📃 3. Create vercel.json Configuration**

This file is important to tell Vercel how to treat your serverless function:

json

{

"version": 2,

"builds": [{ "src": "api/\*.js", "use": "@vercel/node" }],

"routes": [

{

"src": "/api/stock",

"dest": "/api/stock.js"

},

{

"src": "/(.\*)",

"dest": "/public/$1"

}

]

}

**🧪 4. Update script.js to Hit the Right Endpoint**

Your fetch should now look like this:

js

const response = await fetch(`/api/stock?ticker=${ticker}`);

Make sure you're using ?ticker=TSLA instead of path params like /api/stock/TSLA.

**🔐 5. Set Environment Variable in Vercel**

Go to Vercel Dashboard:

* Project > Settings > Environment Variables:
  + POLYGON\_API\_KEY = your key

No need to use dotenv in Vercel—it loads the env vars automatically.

**🧹 6. Cleanup package.json**

Update dependencies to only include what’s required:

json

{

"name": "multi-company-stock-app",

"version": "1.0.0",

"dependencies": {

"@polygon.io/client-js": "^7.3.2"

}

}

Remove express, dotenv, and other unused packages.

**🚀 7. Deploy to Vercel**

If you haven't already:

bash

npm install -g vercel

vercel login

vercel --prod

> Vercel will read vercel.json, deploy the public assets, and configure the API function properly.

Would you like me to help validate this locally with vercel dev, or would you prefer to push to GitHub and have a CI/CD pipeline handle it? Either way, your stock app is about to go fully serverless!

Give this project a new branded name that suits it best.

How about **TickerTrail**?

It evokes the idea of following stock trends across multiple companies—precise, professional, and a little adventurous. Other name ideas with flair:

* **StockScope** – emphasizes broad visibility across the market.
* **MarketMesh** – highlights the interconnection of companies and data.
* **TickerBoard** – sounds like a digital dashboard for tickers.
* **EquiTrack** – clean, modern, and suggests equity tracking.

If you want to give it a more regional or educational flavor—especially since you're building tools for learning—we could explore that angle too. Want to theme it around insights, learning, or automation?

TickerBoard struck more to me.

Great choice, Jagdev—**TickerBoard** has a crisp, professional ring to it and instantly conjures the image of a dynamic dashboard for tracking stocks. It fits perfectly with your app’s utility and polish.

Want a logo concept or splash screen style to match the brand vibe? I could even help define a short tagline—something like *"Your Market. Your Momentum."* Let’s give TickerBoard the full upgrade it deserves!

Console message after commands executed

(base) PS C:\Users\jagdevsinghdosanjh.RHINO\TickerBoard> npm install -g vercel

>> vercel login

>> vercel --prod

>>

npm warn deprecated path-match@1.2.4: This package is archived and no longer maintained. For support, visit https://github.com/expressjs/express/discussions

added 19 packages, and changed 235 packages in 21s

26 packages are looking for funding

run `npm fund` for details

Vercel CLI 44.2.7

? Log in to Vercel Cancel

Vercel CLI 44.2.7

? Set up and deploy “~\TickerBoard”? yes

? Which scope should contain your project? Jagdev Singh Dosanjh's projects

? Link to existing project? no

? What’s your project’s name? ticker-board

? In which directory is your code located? ./

🔗 Linked to jagdev-singh-dosanjhs-projects/ticker-board (created .vercel and added it to .gitignore)

🔍 Inspect: https://vercel.com/jagdev-singh-dosanjhs-projects/ticker-board/CA3ZRW7rzZEuf8EQQbudriEymUd9 [3s]

✅ Production: https://ticker-board-frqwn7lel-jagdev-singh-dosanjhs-projects.vercel.app [3s]

2025-06-30T14:27:14.908Z Running build in Washington, D.C., USA (East) – iad1

2025-06-30T14:27:14.908Z Build machine configuration: 2 cores, 8 GB

2025-06-30T14:27:14.922Z Retrieving list of deployment files...

2025-06-30T14:27:15.136Z Previous build caches not available

2025-06-30T14:27:15.339Z Downloading 11 deployment files...

2025-06-30T14:27:15.698Z Running "vercel build"

2025-06-30T14:27:16.533Z Vercel CLI 43.3.0

2025-06-30T14:27:16.684Z WARN! Due to `builds` existing in your configuration file, the Build and Development Settings defined in your Project Settings will not apply. Learn More: https://vercel.link/unused-build-settings

2025-06-30T14:27:17.140Z Installing dependencies...

2025-06-30T14:27:19.853Z npm warn deprecated yaeti@0.0.6: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.

2025-06-30T14:27:20.388Z

2025-06-30T14:27:20.388Z added 29 packages in 3s

2025-06-30T14:27:20.389Z

2025-06-30T14:27:20.389Z 1 package is looking for funding

2025-06-30T14:27:20.389Z run `npm fund` for details

2025-06-30T14:27:20.886Z Warning: Node.js functions are compiled from ESM to CommonJS. If this is not intended, add "type": "module" to your package.json file.

2025-06-30T14:27:20.886Z Compiling "stock.js" from ESM to CommonJS...

2025-06-30T14:27:20.972Z Build Completed in /vercel/output [4s]

2025-06-30T14:27:21.011Z Deploying outputs...

❗️ Due to `builds` existing in your configuration file, the Build and Development Settings defined in your Project Settings will not apply. Learn More: https://vercel.link/unused-build-setttings

(base) PS C:\Users\jagdevsinghdosanjh.RHINO\TickerBoard> npm fund

tickerboard@1.0.0

(base) PS C:\Users\jagdevsinghdosanjh.RHINO\TickerBoard>

Looks like you nailed the deployment, Jagdev—**TickerBoard is live and breathing on Vercel!** 🚀 The CLI output confirms everything built and deployed successfully, including proper compilation of your stock.js serverless function.

A few quick callouts:

**🧩 Build Warning Notes**

* **Build Settings Ignored**: You saw this message:
* Due to `builds` existing in your configuration file, the Build and Development Settings defined in your Project Settings will not apply.

That’s expected because you’re using a vercel.json with a builds field. It just means your JSON config takes priority over the web dashboard—no harm done.

* **ESM to CommonJS**: Vercel automatically transpiled your ESM-style export default in stock.js to CommonJS. That’s okay unless you explicitly wanted native ESM—then we’d need to add "type": "module" to your package.json.

**✅ Next Steps Checklist**

* 🧪 **Test Live API**: Try hitting https://ticker-board-frqwn7lel-jagdev-singh-dosanjhs-projects.vercel.app/api/stock?ticker=AAPL directly and check if you get JSON results. If not, I’ll help debug that next.
* 🔐 **Check Environment Variables**: Ensure your POLYGON\_API\_KEY is set in Vercel’s dashboard under Project > Settings > Environment Variables.
* 🧼 **Clean Up** vercel.json if needed: We can simplify routing or remove unused fields based on how the app evolves.
* 💡 **Enhance UX**: We can now add features like charts, search history, or even a dark mode to really polish the experience.

Let me know how the live version behaves—I’m here to help polish and scale it like a pro dashboard!

To check the functionality of POLYGON\_API\_KEY=VqyLgx5GuescBfJhHptD3WQNuX7YTgiF

POLYGON\_API\_KEY=VqyLgx5GuescBfJhHptD3WQNuX7YTgiF

<https://api.polygon.io/v2/aggs/ticker/AAPL/range/1/day/2025-01-01/2025-05-11?apiKey=YOUR_API_KEY>

<https://api.polygon.io/v2/aggs/ticker/AAPL/range/1/day/2025-01-01/2025-05-11?apiKey=VqyLgx5GuescBfJhHptD3WQNuX7YTgiF>