

Quick Access - Trading App

Live Application URLs

Main Trading Application

 <https://crypto-trading-app-252370699783.us-central1.run.app>

Features: - Toggle between Crypto and Stock markets - View Daily, Hourly, and 5-Minute timeframes - Expand any timeframe for detailed analytics - Access Admin Panel for user management

Backend API

 <https://trading-api-cnyn5l4u2a-uc.a.run.app>

Quick Test Endpoints:

```
# Health Check
curl https://trading-api-cnyn5l4u2a-uc.a.run.app/health

# Get 5 crypto records
curl "https://trading-api-cnyn5l4u2a-uc.a.run.app/api/v1/crypto/records/5"

# Get 5 stock records
curl "https://trading-api-cnyn5l4u2a-uc.a.run.app/api/v1/stock/records/5"

# Crypto market summary
curl "https://trading-api-cnyn5l4u2a-uc.a.run.app/api/v1/crypto/summary"
```

```
# Stock market summary
curl "https://trading-api-cnyn5l4u2a-uc.a.run.app/api"
```

Data Pipeline Status

Cloud Functions (Data Collection)

```
# Check if functions are running
gcloud functions list --project=cryptobot-462709

# Trigger manual data collection
curl https://daily-crypto-fetcher-cnyn5l4u2a-uc.a.run
curl https://hourly-crypto-fetcher-cnyn5l4u2a-uc.a.ru
curl https://fivemin-top10-fetcher-cnyn5l4u2a-uc.a.ru
```

BigQuery Tables

```
# Check data counts
python check_bigquery_counts.py

# Query latest crypto data
bq query --use_legacy_sql=false \
  'SELECT pair, close, rsi, macd, datetime
  FROM `cryptobot-462709.crypto_trading_data.crypto_
  ORDER BY datetime DESC LIMIT 10'

# Query latest stock data
bq query --use_legacy_sql=false \
  'SELECT symbol, company_name, close, rsi, macd, date
  FROM `cryptobot-462709.crypto_trading_data.stock_a
  ORDER BY datetime DESC LIMIT 10'
```

Deployment Commands

Redeploy Backend API

```
cd cloud_function_api
python deploy_api.py
```

Redeploy Frontend

```
cd stock-price-app
gcloud run deploy crypto-trading-app \
  --source . \
  --platform managed \
  --region us-central1 \
  --allow-unauthenticated \
  --port 8080 \
  --project cryptobot-462709
```

Monitoring

View Logs

```
# API logs
gcloud run services logs read trading-api --project=cryptobot-462709

# Frontend logs
gcloud run services logs read crypto-trading-app --project=cryptobot-462709

# Cloud Function logs
gcloud functions logs read daily-crypto-fetcher --project=cryptobot-462709
```

Service Info

```
# API service details
gcloud run services describe trading-api --region=us-central1
```

```
# Frontend service details
gcloud run services describe crypto-trading-app --reg
```

Project Structure

```
Trading/
├── cloud_function_api/           # Backend API (Flask)
│   ├── main.py                  # API endpoints
│   ├── requirements.txt
│   └── deploy_api.py            # Deployment script
│
├── stock-price-app/             # Frontend React App
│   ├── src/
│   │   ├── App.jsx
│   │   ├── components/
│   │   │   ├── AIAlgoTradeHitsReal.jsx # Main dashboard
│   │   │   └── AdminPanel.jsx          # User management
│   │   └── services/
│   │       └── api.js                # API service layer
│   ├── Dockerfile
│   ├── nginx.conf
│   └── package.json
│
├── cloud_function_daily/         # Daily crypto data collector
├── cloud_function_hourly/        # Hourly crypto data collector
├── cloud_function_5min/          # 5-min top gainers collector
├── cloud_function_daily_stocks/  # Daily stock data collector
│
└── Documentation/
    ├── CLAUDE.md                 # Project overview
    ├── QUICK_START_GUIDE.md
    ├── FINAL_DEPLOYMENT_STATUS.md
    ├── TRADING_APP_DEPLOYMENT_COMPLETE.md
    └── QUICK_ACCESS.md           # This file
```

GCP Console Links

- **Cloud Run:** <https://console.cloud.google.com/run?project=cryptobot-462709>
 - **BigQuery:** <https://console.cloud.google.com/bigquery?project=cryptobot-462709>
 - **Cloud Functions:** <https://console.cloud.google.com/functions?project=cryptobot-462709>
 - **Cloud Scheduler:**
<https://console.cloud.google.com/cloudscheduler?project=cryptobot-462709>
 - **Logs Explorer:** <https://console.cloud.google.com/logs?project=cryptobot-462709>
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Quick Troubleshooting

Problem: App shows "Loading..." forever

Solution: 1. Check API health: `curl https://trading-api-cnyn5l4u2a-uc.a.run.app/health` 2. Check BigQuery has data: `python check_bigquery_counts.py` 3. View API logs for errors

Problem: No data in BigQuery

Solution: 1. Manually trigger data collection functions 2. Check Cloud Scheduler jobs are enabled 3. Review function logs for errors

Problem: API returns errors

Solution: 1. Check BigQuery tables exist and have correct schema 2. Verify service account permissions 3. Review API logs: `gcloud run services logs read trading-api`

API Reference

Crypto Data Endpoints

- `GET /api/crypto/daily?limit=100` - Daily OHLC + indicators
- `GET /api/crypto/hourly?limit=100` - Hourly OHLC + indicators
- `GET /api/crypto/5min?limit=100` - 5-min top gainers data

Stock Data Endpoints

- `GET /api/stocks?limit=100` - Daily stock OHLC + indicators

Summary Endpoints

- `GET /api/summary/crypto` - Crypto market statistics
- `GET /api/summary/stock` - Stock market statistics

User Management (Admin)

- `GET /api/users` - List all users
- `POST /api/users` - Create user (body: {email, name, role})
- `PUT /api/users/{id}` - Update user (body: {name, role, is_active})
- `DELETE /api/users/{id}` - Soft delete user

Last Updated: November 11, 2025