GitHub Profile Automation – Complete Setup Guide

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GOAL:
- Auto WakaTime Coding Stats
- Auto Snake Animation
- Auto Update via GitHub Actions
- Professional README Setup


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PHASE 1 — WakaTime Setup
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1) Create Account:
- Go to https://wakatime.com
- Sign up using GitHub
- Install VS Code WakaTime Extension
- Code 10-15 minutes
- Check dashboard for stats

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PHASE 2 — Generate API Key
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- Open https://wakatime.com/settings/account
- Copy API Key
- Example format:
12345678-abcd-1234-abcd-123456789abc

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PHASE 3 — Add GitHub Secret
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Repo → Settings → Secrets → Actions → New Secret

Name:
WAKATIME_API_KEY

Value:
(Paste API Key)

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PHASE 4 — COMPLETE WORKFLOW YAML (Snake + WakaTime + Activity)
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File Path:
.github/workflows/profile-automation.yml
name: Profile Automation

on:
  schedule:
    - cron: "0 */12 * * *"
  workflow_dispatch:

jobs:
  build:
    runs-on: ubuntu-latest
    permissions:
      contents: write

    steps:
      - name: Checkout Repo
        uses: actions/checkout@v3

      - name: Generate Snake
        uses: Platane/snk@v3
        with:
          github_user_name: YOUR_GITHUB_USERNAME
          outputs: |
            dist/github-contribution-grid-snake.svg

      - name: Deploy Snake
        uses: crazy-max/ghaction-github-pages@v3
        with:
          target_branch: output
```

```
      build_dir: dist
    env:
      GITHUB_TOKEN: ${{ secrets.GITHUB_TOKEN }}

  - name: Update WakaTime Stats
    uses: athul/waka-readme@master
    with:
      WAKATIME_API_KEY: ${{ secrets.WAKATIME_API_KEY }}

  - name: Generate Activity Graph
    uses: ashutosh00710/github-readme-activity-graph-action@main
    with:
      github_token: ${{ secrets.GITHUB_TOKEN }}
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PHASE 5 — COMPLETE README SECTION
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■ Weekly Coding Stats
<!--START_SECTION:waka-->
<!--END_SECTION:waka-->

![WakaTime Stats](https://github-readme-stats.vercel.app/api/wakatime?username=YOUR_WAKATIME_USERNAM

■ Snake Animation
![Snake](https://raw.githubusercontent.com/YOUR_GITHUB_USERNAME/YOUR_GITHUB_USERNAME/output/github-co

■ Activity Graph
![Activity Graph](https://github-readme-activity-graph.vercel.app/graph?username=YOUR_GITHUB_USERNAME

■ GitHub Trophy
![Trophy](https://github-profile-trophy.vercel.app/?username=YOUR_GITHUB_USERNAME&theme=radical)

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FLOWCHART
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VS Code Coding
      ↓
WakaTime Extension Tracks Time
      ↓
Data Stored on WakaTime Server
      ↓
GitHub Action Runs (Every 12h)
      ↓
Workflow Pulls WakaTime Data
      ↓
README Auto Updated
      ↓
Profile Shows Live Stats

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COMMON ERRORS
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Stats blank → Extension not installed
Workflow failed → Secret wrong
API error → Username mismatch
No update → Wait for cron trigger

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FINAL RESULT
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✔ Auto coding stats
✔ Auto snake animation
✔ Auto activity graph
✔ Fully automated profile
✔ Hacker-level professional look