

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

SCHEDULE 13G

(Amendment No. )\*  
Under the Securities Exchange Act of 1934

**Graf Acquisition Corp. IV**  
(Name of Issuer)

Common Stock, par value \$0.0001 per share  
(Titles of Class of Securities)

384272100  
(CUSIP Number)

December 31, 2021  
(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)  
 Rule 13d-1(c)  
 Rule 13d-1(d)

\* The remainder of this cover page shall be filled out of a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934, as amended (the "Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 384272100

Schedule 13G

|    |   |  |
|----|---|--|
| 1  | NAME OF REPORTING PERSON<br>Graf Acquisition Partners IV LLC  |  |
| 2  | CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP<br>(a) <input type="checkbox"/> (b) <input type="checkbox"/> |  |
| 3  | SEC USE ONLY  |  |
| 4  | CITIZENSHIP OR PLACE OF ORGANIZATION<br>Delaware  |  |
|    | 5   | SOLE VOTING POWER<br>4,210,375 (1)(2)      |
|    | 6   | SHARED VOTING POWER<br>- 0 -               |
|    | 7   | SOLE DISPOSITIVE POWER<br>4,210,375 (1)(2) |
|    | 8   | SHARED DISPOSITIVE POWER<br>- 0 -          |
| 9  | AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON<br>4,210,375 (1)(2)                              |  |
| 10 | CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES<br><input type="checkbox"/>              |  |
| 11 | PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9<br>19.6% (3)  |  |
| 12 | TYPE OF REPORTING PERSON<br>OO  |  |

- (1) The securities are held directly by Graf Acquisition Partners IV LLC (the "Sponsor"). James A. Graf is the managing member of the Sponsor and has sole voting and investment discretion with respect to the securities held by the Sponsor.
- (2) Excludes 4,721,533 shares of common stock issuable upon the exercise of 4,721,533 private placement warrants of the Issuer. Each warrant is exercisable to purchase one share of common stock at \$11.50 per share, subject to adjustment, becomes exercisable beginning 30 days after the completion of the Issuer's initial business combination and expires five years after the completion of the Issuer's initial business combination or earlier upon redemption or liquidation, each as is described under the heading "Description of Securities—Warrants" in the Issuer's registration statement on Form S-1 (File No. 333-253411).
- (3) Based on 21,451,875 shares of common stock outstanding as of December 31, 2021.

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CUSIP No. 384272100

Schedule 13G

|    |   |  |
|----|---|--|
| 1  | NAME OF REPORTING PERSON<br>James A. Graf   |  |
| 2  | CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP<br>(a) <input type="checkbox"/> (b) <input type="checkbox"/> |  |
| 3  | SEC USE ONLY  |  |
| 4  | CITIZENSHIP OR PLACE OF ORGANIZATION<br>United States   |  |
|    | 5   | SOLE VOTING POWER<br>4,210,375 (1)(2)      |
|    | 6   | SHARED VOTING POWER<br>- 0 -               |
|    | 7   | SOLE DISPOSITIVE POWER<br>4,210,375 (1)(2) |
|    | 8   | SHARED DISPOSITIVE POWER<br>- 0 -          |
| 9  | AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON<br>4,210,375 (1)(2)                              |  |
| 10 | CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES<br><input type="checkbox"/>              |  |
| 11 | PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9<br>19.6% (3)  |  |
| 12 | TYPE OF REPORTING PERSON<br>IN  |  |

- (1) The securities are held directly by Sponsor. James A. Graf is the managing member of the Sponsor and has sole voting and investment discretion with respect to the securities held by the Sponsor.
- (2) Excludes 4,721,533 shares of common stock issuable upon the exercise of 4,721,533 private placement warrants of the Issuer. Each warrant is exercisable to purchase one share of common stock at \$11.50 per share, subject to adjustment, becomes exercisable beginning 30 days after the completion of the Issuer's initial business combination and expires five years after the completion of the Issuer's initial business combination or earlier upon redemption or liquidation, each as is described under the heading "Description of Securities—Warrants" in the Issuer's registration statement on Form S-1 (File No. 333-253411).
- (3) Based on 21,452,875 shares of common stock outstanding as of December 31, 2021.

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**Item 1(a). Name of Issuer:**

Graf Acquisition Corp. IV

**Item 1(b). Address of Issuer's Principal Executive Offices**

1790 Hughes Landing Blvd., Suite 400  
The Woodlands, Texas 77380

**Item 2(a). Name of Person Filing**

This statement is filed on behalf of each of the following persons (collectively, the "Reporting Persons"):

1. Graf Acquisition Partners IV LLC
2. James A. Graf

**Item 2(b). Address of Principal Business Office or, if none, Residence:**

The principal business address of each of the Reporting Persons is as follows:

1790 Hughes Landing Blvd., Suite 400  
The Woodlands, Texas 77380

**Item 2(c). Citizenship:**

See response to Item 4 on the cover page.

**Item 2(d). Titles of Classes of Securities:**

Common Stock, par value \$0.0001 per share.

**Item 2(e). CUSIP Number:**

384272100

**Item 3. If This Statement is Filed Pursuant to Rule 13d-1(b), or 13d-2(b) or (c), Check Whether the Person Filing is a(n)**

- (a)  Broker or dealer registered under Section 15 of the Exchange Act (15 U.S.C. 78o).
- (b)  Bank as defined in Section 3(a)(6) of the Exchange Act (15 U.S.C. 78c).
- (c)  Insurance company as defined in Section 3(a)(19) of the Exchange Act (15 U.S.C. 78c).
- (d)  Investment company registered under Section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).
- (e)  Investment adviser in accordance with §240.13d-1(b)(1)(ii)(E).
- (f)  Employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F).
- (g)  Parent holding company or control person in accordance with §240.13d-1(b)(1)(ii)(G).
- (h)  Savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813).
- (i)  Church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3).
- (j)  Non-U.S. institution, in accordance with § 240.13d-1(b)(1)(ii)(J).
- (k)  Group in accordance with §240.13d-1(b)(1)(ii)(K).

If filing as a non-U.S. institution in accordance with §240.13d-1(b)(1)(ii)(J), please specify the type of institution: \_\_\_\_\_.

**Item 4. Ownership**

- (a) Amount beneficially owned:

See response to Item 9 on the cover page.

- (b) Percent of class:

See response to Item 11 on the cover page.

- (c) Number of shares as to which such person has:

- (i) Sole power to vote or to direct the vote:

See response to Item 5 on the cover page.

- (ii) Shared power to vote or to direct the vote:

See response to Item 6 on the cover page.

- (iii) Sole power to dispose or to direct the disposition of:

See response to Item 7 on the cover page.

- (iv) Shared power to dispose or to direct the disposition of:

See response to Item 8 on the cover page.

**Item 5. Ownership of Five Percent or Less of a Class.**

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following .

**Item 6. Ownership of More than Five Percent on Behalf of Another Person.**



