

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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☐ Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

☒ Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

|                                                                                                                                                                                                                               |                                                                                                               |                                                                                                                                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Name and Address of Reporting Person*<br><u>Koren Ofer</u><br><br>(Last) (First) (Middle)<br><u>10 HAALIYA HASHNIA ST.</u><br><br>(Street)<br><u>HERZLIA</u><br><br>(City) (State) (Zip)<br><u>ISRAEL</u><br><br>(Country) | 2. Issuer Name and Ticker or Trading Symbol<br><u>Global-E Online Ltd. [ GLBE ]</u><br>Foreign Trading Symbol | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br><br>Director 10% Owner<br><input checked="" type="checkbox"/> Officer (give title below) Other (specify below)<br><br><u>CFO</u> |
|                                                                                                                                                                                                                               | 3. Date of Earliest Transaction (Month/Day/Year)<br><u>09/08/2026</u>                                         |                                                                                                                                                                                                                |
|                                                                                                                                                                                                                               | 4. If Amendment, Date of Original Filed (Month/Day/Year)                                                      |                                                                                                                                                                                                                |

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) |   | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) |            |                          | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|---|-------------------------------------------------------------------|------------|--------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------|
|                                 |                                      |                                                    | Code                           | V | Amount                                                            | (A) or (D) | Price                    |                                                                                               |                                                          |                                                       |
| Ordinary Shares                 | 09/08/2026                           |                                                    | M <sup>(1)</sup>               |   | 8,600                                                             | A          | \$3.44                   | 161,789 <sup>(2)</sup>                                                                        | D                                                        |                                                       |
| Ordinary Shares                 | 09/08/2026                           |                                                    | M <sup>(1)</sup>               |   | 3,900                                                             | A          | \$3.44                   | 165,689 <sup>(3)</sup>                                                                        | D                                                        |                                                       |
| Ordinary Shares                 | 09/08/2026                           |                                                    | S <sup>(1)</sup>               |   | 12,479                                                            | D          | \$36.6741 <sup>(4)</sup> | 153,210                                                                                       | D                                                        |                                                       |
| Ordinary Shares                 | 09/08/2026                           |                                                    | S <sup>(1)</sup>               |   | 21                                                                | D          | \$37.3986 <sup>(5)</sup> | 153,189                                                                                       | D                                                        |                                                       |

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) |   | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) |                 | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) |                            | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--------------------------------------------|--------------------------------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|---|----------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|----------------------------|--------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------|
|                                            |                                                        |                                      |                                                    | Code                           | V |                                                                                        | Date Exercisable                                         | Expiration Date | Title                                                                             | Amount or Number of Shares |                                            |                                                                                                    |                                                           |                                                        |
| Stock Option (Right to Buy)                | \$3.44                                                 | 09/08/2026                           |                                                    | M <sup>(1)</sup>               |   | 8,600                                                                                  | 08/02/2021                                               | 08/18/2030      | Ordinary Shares                                                                   | 8,600                      | \$0                                        | 238,900                                                                                            | D                                                         |                                                        |
| Stock Option (Right to Buy)                | \$3.44                                                 | 09/08/2026                           |                                                    | M <sup>(1)</sup>               |   | 3,900                                                                                  | 08/02/2021                                               | 08/18/2030      | Ordinary Shares                                                                   | 3,900                      | \$0                                        | 235,000                                                                                            | D                                                         |                                                        |

Explanation of Responses:

1. The option exercises and related sales reported herein were effected pursuant to a Rule 10b5-1 trading plan adopted by the Reporting Person on June 9, 2026.
2. Consists of (i) 153,189 RSUs, each representing the right to receive one ordinary share upon vesting and settlement, and (ii) 8,600 ordinary shares acquired upon the exercise of stock options
3. Consists of (i) 153,189 RSUs, each representing the right to receive one ordinary share upon vesting and settlement, (ii) 8,600 ordinary shares acquired upon the exercise of stock options, and (iii) 3,900 ordinary shares acquired upon the exercise of stock options.
4. The price reported is a weighted-average price. These shares were sold in multiple transactions at prices ranging from \$36.37 to \$37.34, inclusive. The Reporting Person undertakes to provide full information regarding the number of shares sold at each separate price upon request.
5. The price reported is a weighted-average price. These shares were sold in multiple transactions at prices ranging from \$37.37 to \$37.40, inclusive. The Reporting Person undertakes to provide full information regarding the number of shares sold at each separate price upon request.

Michal Yardeni

09/14/2026

\*\* Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

\* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.