
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13D

Under the Securities Exchange Act of 1934

Horizon Quantum Holdings Ltd.

(Name of Issuer)

Class A Ordinary Shares, no par value

(Title of Class of Securities)

(CUSIP Number)

**Satyadeo Bissessur
5th Floor, Ebene Esplanade, 24 Bank Street
Cybercity, Ebene, O4, 00000
230 401 2300**

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

03/19/2026

(Date of Event Which Requires Filing of This Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§ 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box. ☐

The information required on 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 (“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).

SCHEDULE 13D

CUSIP No.

Name of reporting person

1

Peak XV Partners Seed Investment

Check the appropriate box if a member of a Group (See Instructions)

2

☒ (a)

☐ (b)

3

SEC use only

4	Source of funds (See Instructions)
	OO
5	Check if disclosure of legal proceedings is required pursuant to Items 2(d) or 2(e)
	☐
6	Citizenship or place of organization
	MAURITIUS
	Sole Voting Power
7	0.00
Number of Shares Beneficially Owned by Each Reporting Person With:	Shared Voting Power
8	6,468,999.00
	Sole Dispositive Power
9	0.00
	Shared Dispositive Power
10	6,468,999.00
	Aggregate amount beneficially owned by each reporting person
11	6,468,999.00
12	Check if the aggregate amount in Row (11) excludes certain shares (See Instructions)
	☐
13	Percent of class represented by amount in Row (11)
	20.3 %
14	Type of Reporting Person (See Instructions)
	OO

SCHEDULE 13D

CUSIP No.

1	Name of reporting person
	Peak XV Partners Seed Fund I Ltd
	Check the appropriate box if a member of a Group (See Instructions)
2	☒ (a)
	☐ (b)
3	SEC use only
4	Source of funds (See Instructions)
	OO
5	Check if disclosure of legal proceedings is required pursuant to Items 2(d) or 2(e)
	☐
6	Citizenship or place of organization
	MAURITIUS
Number of Shares Beneficially Owned by	Sole Voting Power
7	0.00
8	Shared Voting Power

Each Reporting Person With:	6,468,999.00
	Sole Dispositive Power
9	0.00
	Shared Dispositive Power
10	6,468,999.00
	Aggregate amount beneficially owned by each reporting person
11	6,468,999.00
	Check if the aggregate amount in Row (11) excludes certain shares (See Instructions)
12	☐
	Percent of class represented by amount in Row (11)
13	20.3 %
	Type of Reporting Person (See Instructions)
14	OO

SCHEDULE 13D

CUSIP No.

	Name of reporting person
1	Peak XV Partners Principals Seed Fund I Ltd
	Check the appropriate box if a member of a Group (See Instructions)
2	☒ (a)
	☐ (b)
3	SEC use only
	Source of funds (See Instructions)
4	OO
	Check if disclosure of legal proceedings is required pursuant to Items 2(d) or 2(e)
5	☐
	Citizenship or place of organization
6	MAURITIUS
	Sole Voting Power
7	0.00
	Shared Voting Power
8	6,468,999.00
	Sole Dispositive Power
9	0.00
	Shared Dispositive Power
10	6,468,999.00
	Aggregate amount beneficially owned by each reporting person
11	6,468,999.00
12	Check if the aggregate amount in Row (11) excludes certain shares (See Instructions)

	☐	Percent of class represented by amount in Row (11)
13		20.3 %
		Type of Reporting Person (See Instructions)
14		OO

SCHEDULE 13D

CUSIP No.

	Name of reporting person	
1	Peak XV Partners Seed Management I Ltd	
	Check the appropriate box if a member of a Group (See Instructions)	
2	☒ (a)	
	☐ (b)	
3	SEC use only	
	Source of funds (See Instructions)	
4	OO	
	Check if disclosure of legal proceedings is required pursuant to Items 2(d) or 2(e)	
5	☐	
	Citizenship or place of organization	
6	MAURITIUS	
	Sole Voting Power	
7	0.00	
Number of	Shared Voting Power	
Shares		
Beneficially	8	6,468,999.00
Owned by	Sole Dispositive Power	
Each	9	0.00
Reporting	Shared Dispositive Power	
Person	10	6,468,999.00
With:		
	Aggregate amount beneficially owned by each reporting person	
11	6,468,999.00	
	Check if the aggregate amount in Row (11) excludes certain shares (See Instructions)	
12	☐	
	Percent of class represented by amount in Row (11)	
13	20.3 %	
	Type of Reporting Person (See Instructions)	
14	OO	

SCHEDULE 13D

Item 1. Security and Issuer
Title of Class of Securities:

(a) Class A Ordinary Shares, no par value
Name of Issuer:

(b) Horizon Quantum Holdings Ltd.
Address of Issuer's Principal Executive Offices:

(c) 29 Media Cir. #05-22, Singapore, SINGAPORE , 138565.

Item 2. Identity and Background

(a) This Schedule 13D is being jointly filed by the following persons (each a "Reporting Person" and collectively, the "Reporting Persons"): (i) Peak XV Partners Seed Investment ("Peak Investments Seed"); (ii) Peak XV Partners Seed Fund I Ltd ("Peak Seed I"); (iii) Peak XV Partners Principals Seed Fund I Ltd ("Peak Principals Seed I"); and (iv) Peak XV Partners Seed Management I Ltd ("Peak Seed Management I"). The agreement among the Reporting Persons relating to the joint filing of this Schedule 13D is attached to this Schedule 13D as Exhibit 99.1. Based on the transactions described herein, the Reporting Persons may be deemed to constitute a "group" for purposes of Section 13(d)(3) of the Act. Each Reporting Person expressly disclaims membership in a group and disclaims beneficial ownership of any securities reported herein except to the extent such Reporting Person actually has voting or dispositive power with respect to such securities.

(b) The address of the principal business office of each of the Reporting Persons is 5th Floor, Ebene Esplanade, 24 Bank Street, Cybercity Ebene, Mauritius.

(c) The principal occupation or employment of Peak Investments Seed is to acquire, hold and dispose of interests in various companies for investment purposes and to take all actions incident thereto. The principal occupation or employment of each of Peak Seed I and Peak Principals Seed I is to operate as closed-end funds regulated by the Mauritius Financial Services Commission. The principal occupation of Peak Seed Management I is the management of investment funds.

(d) During the last five years, no Reporting Person has been convicted in any criminal proceeding (excluding traffic violations or other minor offenses).

(e) During the last five years, no Reporting Person has been a party to a civil proceeding of a judicial or administrative body of competent jurisdiction and as a result of such proceeding has been or is subject to a judgment, decree or final order enjoining future violations of, or prohibiting or mandating activities subject to, federal or state securities laws or finding any violation with respect to such laws.

(f) The Reporting Persons are each are organized under the laws of Mauritius.

Item 3. Source and Amount of Funds or Other Consideration

Between March 25, 2020 and July 23, 2025, Peak Investments Seed acquired securities of Horizon Quantum Computing Pte. Ltd. (Company Registration No.: 201802755E), a Singapore private company limited by shares ("Private Horizon") for an aggregate investment of \$6,000,000. Effective March 16, 2026 (the "Closing Date"), pursuant to the business combination agreement, dated as of September 9, 2025 (the "Business Combination Agreement") by and among the Issuer, dMY Squared Technology Group, Inc., Rose Acquisition Pte. Ltd. (Company Registration No.: 202537790M), a Singapore private company limited by shares and a wholly-owned subsidiary of the Issuer, Horizon Merger Sub 2, Inc., a Massachusetts corporation and wholly-owned subsidiary of the Issuer, and Private Horizon, all outstanding securities of Private Horizon, including the securities held by Peak Investments Seed, were automatically converted into the right to receive securities of the Issuer, on the terms and subject to the conditions of the Business Combination Agreement (the "Closing"). In the Closing, Peak Investments Seed's Private Horizon securities were converted into an aggregate of 6,468,999 Class A Ordinary Shares of the Issuer. The funds Peak Investments Seed used to acquire the securities described above were contributed to Peak Investments Seed by Peak Seed I and Peak Principals Seed I. Peak Seed I and Peak Principals Seed I received such funds through capital contributions from their respective equity investors.

Item 4. Purpose of Transaction

Peak Investments Seed purchased the aforementioned securities for investment purposes with the aim of increasing the value of its investments and the Issuer. Subject to applicable legal requirements, one or more of the Reporting Persons may purchase additional securities of the Issuer from time to time in open market or private transactions, depending on its evaluation of the Issuer's business, prospects and financial condition, the market for the Issuer's securities, other developments concerning the Issuer, the reaction of the Issuer to the Reporting Persons' ownership of the Issuer's securities, other opportunities available to the Reporting Persons, and general economic, money market and stock market conditions. In addition, depending upon the factors referred to above, the Reporting Persons may dispose of all or a portion of their securities of the Issuer at any time (including by means of programs adopted pursuant to Rule 10b5-1 under the Act). Each of the Reporting Persons reserves the right to increase or decrease its holdings on such terms and at such times as each may decide. Except as set forth in this Item 4 and Item 6 below, none of the Reporting Persons has a present plan or proposal that relates to or would result in any of the actions specified in clauses (a) through (j) of Item 4 of Schedule 13D of the Act. However, each of the Reporting Persons reserves the right to propose or participate in future transactions which may result in one or more of such actions, including but not limited to, an extraordinary corporate transaction, such as a merger, reorganization or liquidation, sale of a material amount of assets of the Issuer or its subsidiaries, or other transactions which might have the effect

of causing the Class A Ordinary Shares to become eligible for termination of registration under Section 12(g) of the Act. The Reporting Persons also retain the right to change their investment intent at any time, to acquire additional shares of Class A Ordinary Shares or other securities of the Issuer from time to time, or to sell or otherwise dispose of all or part of the Class A Ordinary Shares beneficially owned by them (or any shares of Class A Ordinary Shares into which such securities are converted) in any manner permitted by law. The Reporting Persons may engage from time to time in ordinary course transactions with financial institutions with respect to the securities described herein.

Item 5. Interest in Securities of the Issuer

Rows 11 and 13 of each Reporting Person's cover page to this Schedule 13D set forth the aggregate number of Class A Ordinary Shares and percentages of the Class A Ordinary Shares beneficially owned by such Reporting Person and are incorporated by reference. The percentage set forth in each row 13 is based upon 31,833,549 Class A Ordinary Shares outstanding as of April 24, 2026, as reported in the Issuer's prospectus dated April 24, 2026 filed with the Securities and Exchange Commission (the "SEC") on April 24, 2026. Peak Investments Seed directly holds 6,468,999 Class A Ordinary Shares. Peak Seed I and Peak Principals Seed I, as the sole shareholders of Peak Investments Seed, may be deemed to beneficially own the shares held by Peak Investments Seed. Peak Seed Management I, as the sole Class B shareholder of each of Peak Seed I and Peak Principals Seed I, may be deemed to beneficially own the shares held by Peak Investments Seed. The Reporting Persons may be deemed to constitute a "group" for purposes of Section 13(d)(3) of the Act. Each Reporting Person expressly disclaims membership in a group and disclaims beneficial ownership of any securities reported herein except to the extent such Reporting Person actually has voting or dispositive power with respect to such securities.

- (a) Rows 7 through 10 of each Reporting Person's cover page to this Schedule 13D set forth the number of Class A Ordinary Shares as to which such Reporting Person has the sole or shared power to vote or direct the vote and sole or shared power to dispose or to direct the disposition and are incorporated by reference.
- (b) None of the Reporting Persons has effected any transactions with respect to the securities of the Issuer during the past sixty days.
- (c) No other person is known to have the right to receive or the power to direct the receipt of dividends from, or any proceeds from the sale of, the securities beneficially owned by any of the Reporting Persons.
- (d) Not applicable.
- (e)

Item 6. Contracts, Arrangements, Understandings or Relationships With Respect to Securities of the Issuer

Lock-up Agreement Pursuant to the Business Combination Agreement, certain shareholders of the Issuer, including Peak Investments Seed, entered into Lock-Up Agreements. Pursuant to the Lock-Up Agreement, the Class A Ordinary Shares held by Peak Investments Seed are subject to lock-up during the period immediately following the Closing until the earlier of (i) the date that is 24 months after the Closing Date and (ii) the date on which the Issuer completes a liquidation, merger, capital share exchange, reorganization or other similar transaction that results in all of the Issuer's shareholders having the right to exchange their shares for cash, securities, or other property. Prior to the Closing, these lock-up restrictions were waived on approximately 9.0% of the Issuer's Class A Ordinary Shares held by each non-affiliate shareholder, including Peak Investments Seed. The foregoing description of the Lock-Up Agreement does not purport to be complete and is qualified in its entirety by reference to the full text of the form of Lock-Up Agreement, a copy of which is filed as Exhibit 99.2 hereto and incorporated by reference herein.

Registration Rights Agreement On March 19, 2026, in connection with the Closing and as contemplated by the Business Combination Agreement, the Issuer entered into a registration rights agreement (the "Registration Rights Agreement") with certain shareholders, including Peak Investments Seed. Pursuant to the Registration Rights Agreement, the Issuer agreed that, within 30 days after the closing of the Business Combination, the Issuer would file with the SEC (at the Issuer's sole cost and expense) a registration statement registering the resale of certain securities held by or issuable to the parties thereto, including Peak Investments Seed, and the Issuer would use its reasonable best efforts to have such registration statement declared effective as soon as reasonably practicable after the filing thereof. The Issuer filed the registration statement on April 16, 2026 and the registration statement was declared effective on April 23, 2026. Such holders will also be entitled to customary piggyback registration rights and demand registration rights pursuant to the terms of the Registration Rights Agreement. The foregoing description of the Registration Rights Agreement does not purport to be complete and is qualified in its entirety by reference to the full text of the form of Registration Rights Agreement, a copy of which is filed as Exhibit 99.3 hereto and incorporated by reference herein.

Item 7. Material to be Filed as Exhibits.

Exhibit 99.1 Joint Filing Agreement Exhibit 99.2 Form of Lock-up Agreement (incorporated by reference to Exhibit 10.3 to the Issuer's Registration Statement on Form F-4 (Registration No. 333-292737) filed with the SEC on January 14, 2026). Exhibit 99.3 Form of Registration Rights Agreement (incorporated by reference to Exhibit 10.4 to the Issuer's Registration Statement on Form F-4 (Registration No. 333-292737) filed with the SEC on January 14, 2026).

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Peak XV Partners Seed Investment

Signature: /s/ Satyadeo Bissessur

Name/Title: By Satyadeo Bissessur, Director

Date: 07/09/2026

Peak XV Partners Seed Fund I Ltd

Signature: /s/ Satyadeo Bissessur

Name/Title: By Satyadeo Bissessur, Director

Date: 07/09/2026

Peak XV Partners Principals Seed Fund I Ltd

Signature: /s/ Satyadeo Bissessur

Name/Title: By Satyadeo Bissessur, Director

Date: 07/09/2026

Peak XV Partners Seed Management I Ltd

Signature: /s/ Harish Sumsurooah

Name/Title: By Harish Sumsurooah, Director

Date: 07/09/2026

JOINT FILING AGREEMENT

This Joint Filing Agreement, dated as of July 9, 2026, is by and among Peak XV Partners Seed Investment, Peak XV Partners Seed Fund I Ltd, Peak XV Partners Principals Seed Fund I Ltd and Peak XV Partners Seed Management I Ltd (the foregoing are collectively referred to herein as the “Filers”).

Each of the Filers may be required to file with the United States Securities and Exchange Commission a statement on Schedule 13D with respect to the Class A Ordinary Shares of Horizon Quantum Holdings Ltd. beneficially owned by them from time to time.

Pursuant to and in accordance with Rule 13(d)(1)(k) promulgated under the Securities Exchange Act of 1934, as amended, the Filers hereby agree to file a single statement on Schedule 13D (and any amendments thereto) on behalf of each of such parties, and hereby further agree to file this Joint Filing Agreement as an exhibit to such statement, as required by such rule.

This Joint Filing Agreement may be terminated by any of the Filers upon one week’s prior written notice or such lesser period of notice as the Filers may mutually agree.

Executed and delivered as of the date first above written.

Peak XV Partners Seed Investment

By: /s/ Satyadeo Bissessur
Name: Satyadeo Bissessur
Title: Director

Peak XV Partners Seed Fund I Ltd

By: /s/ Satyadeo Bissessur
Name: Satyadeo Bissessur
Title: Director

Peak XV Partners Principals Seed Fund I Ltd

By: /s/ Satyadeo Bissessur
Name: Satyadeo Bissessur
Title: Director

Peak XV Partners Seed Management I Ltd

By: /s/ Harish Sumsurooah
Name: Harish Sumsurooah
Title: Director