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

**FORM 6-K**

**REPORT OF FOREIGN PRIVATE ISSUER  
PURSUANT TO RULE 13a-16 OR 15d-16  
UNDER THE SECURITIES EXCHANGE ACT OF 1934**

**For the month of November 2025**

**Commission File Number: 001-42475**

**FST Corp.  
(Registrant's Name)**

**No. 3, Gongye 1st Rd., Minxiong Township  
Chiayi County 621018, Taiwan  
(Address of Principal Executive Offices)**

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F.

Form 20-F ☒      Form 40-F ☐

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## Financial Statements

On November 18, 2025, FST Corp. (the “Company”) released its unaudited condensed consolidated financial statements as of and for the nine months ended September 30, 2025. A copy of the unaudited condensed consolidated financial statements of the Company and the management’s discussion and analysis of financial condition and results of operations of the Company as of and for the nine months ended September 30, 2025 is attached hereto as Exhibit 99.1 and Exhibit 99.2 and is incorporated herein by reference.

## Exhibit

| Exhibit No. | Description                                                                                                                                                |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 99.1        | <a href="#"><u>Unaudited Condensed Consolidated Financial Statements of FST Corp. as of and for the nine months ended September 30, 2025.</u></a>          |
| 99.2        | <a href="#"><u>Management’s discussion and analysis of financial condition and results of operations for the nine months ended September 30, 2025.</u></a> |
| 101.INS     | Inline XBRL Instance Document.                                                                                                                             |
| 101.SCH     | Inline XBRL Taxonomy Extension Schema Document.                                                                                                            |
| 101.CAL     | Inline XBRL Taxonomy Extension Calculation Linkbase Document.                                                                                              |
| 101.DEF     | Inline XBRL Taxonomy Extension Definition Linkbase Document.                                                                                               |
| 101.LAB     | Inline XBRL Taxonomy Extension Label Linkbase Document.                                                                                                    |
| 101.PRE     | Inline XBRL Taxonomy Extension Presentation Linkbase Document.                                                                                             |
| 104         | Cover Page Interactive Data File (formatted as Inline XBRL and contained in Exhibit 101).                                                                  |

## SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

**FST Corp.**

Date: November 18, 2025

By: /s/ David Chuang

Name: David Chuang

Title: Chief Executive Officer and Chairman of the Board