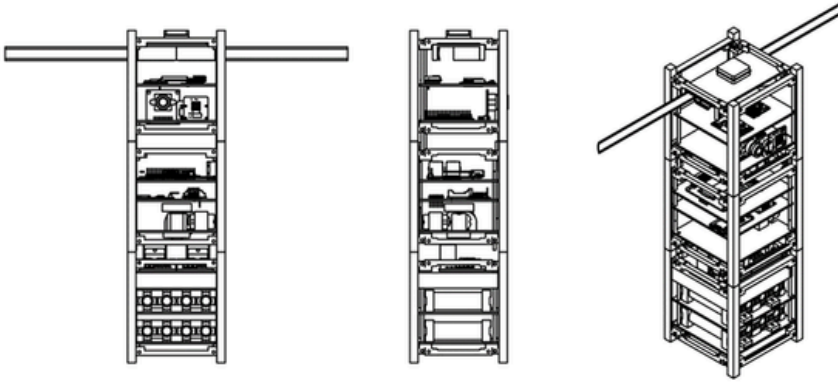


## SKILLSAT STARTUP



### What?

- **Founded Skillsat**, an EdTech startup to **manufacture STEM kits** that teach students to build stratospheric satellites.

### How?

- Used **Arduino and Raspberry Pi** as the base for satellite systems.
- Utilized **additive manufacturing** to prototype 25+ designs.
- Applied **DFA and DFM** principles to **reduce production costs by 44%**.
- **Tested prototypes** at the National Space Center of Kazakhstan.

### Results

- **Launched satellites to Near Space** (40 km+) via stratospheric balloons.
- **Raised \$15K** in funding and distributed 80+ kits to 240+ students across 25+ schools.
- Recognized as a **Top-3 SpaceTech** and Top-15 EdTech Startup by **Forbes Kazakhstan**.

