



Stellar dashboard

from the Stellar team:

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Find the right team

Manually:

Hours to days / role

Roles needed:

Aerospace Engineers

Civil/Structural Engineers

Environmental Control and Life
Support (ECLSS) Engineers

Power Systems Engineers

...

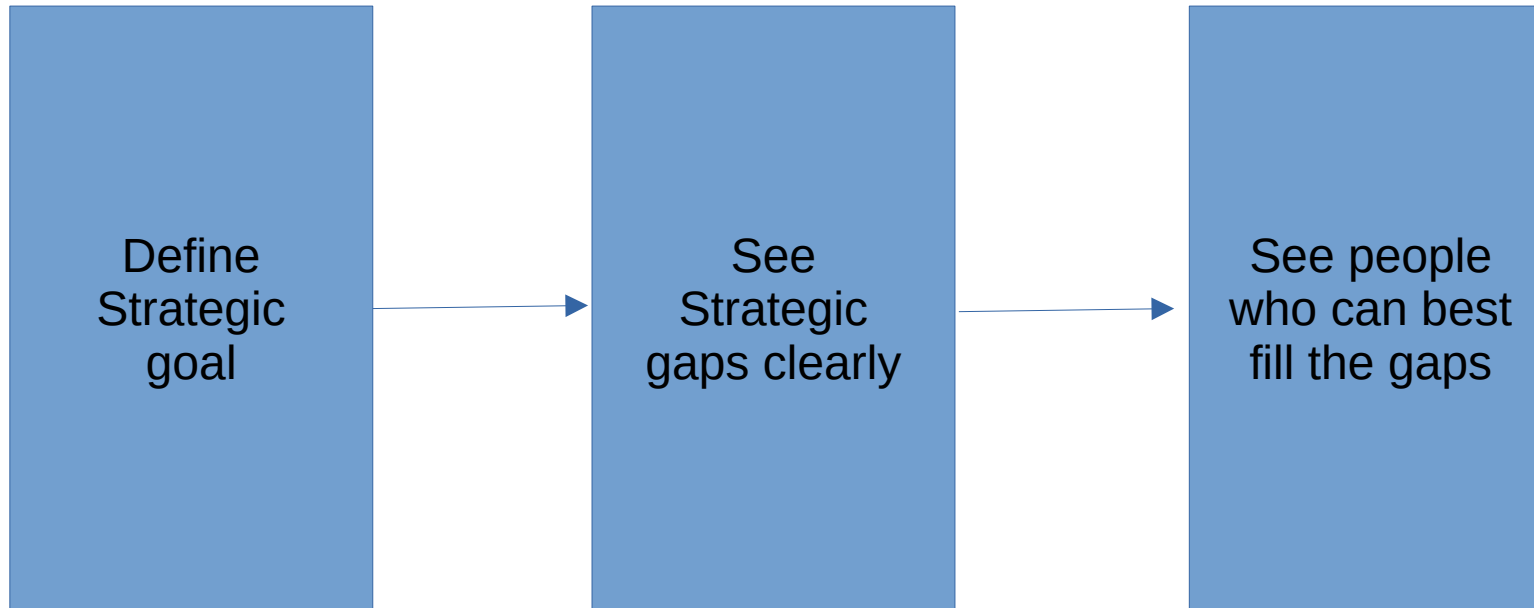
~ **40–80 specialists**

→ weeks to months to just

The intentions: part 1

The manager's view

A ship without a goal will never have a favorable wind



The intentions: part 2

The employee view

How could I reach my career goals?

Employee View

Goal

- Empower employees to understand:
 - Their current skill profile
 - Skill gaps relative to future or required roles
 - A personalized learning path to close those gaps

Employee View — Key Functions

- Shows employee skills and qualifications
- Detects missing required qualifications
- Suggests next role opportunities
- Generates AI-assisted coaching message to support development

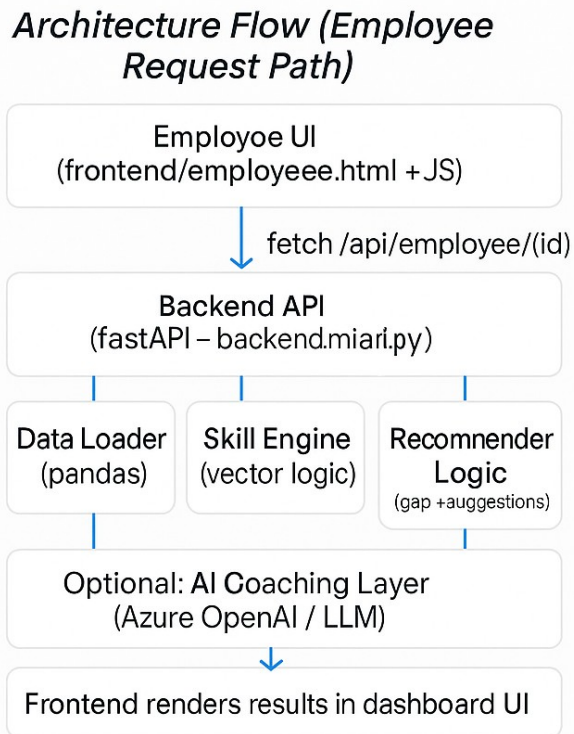
Value

- Clear development direction
- Reduces confusion about HR qualification rules
- Motivates learning through personalized insights

The intentions: part 2

The employee view

Architecture Flow (Employee Request Path)



Tech Stack Used

- Backend: FastAPI, Python 3.9
- Data Engine: Pandas, NumPy
- Frontend: HTML + JavaScript (fetch API)
- AI Layer: Azure OpenAI (planned/optional)
- Storage: .xlsx datasets (employees, roles, course catalog)

