

A scenic view of a desert landscape with rolling hills under a clear blue sky.

# **Stellar dashboard**

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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

...

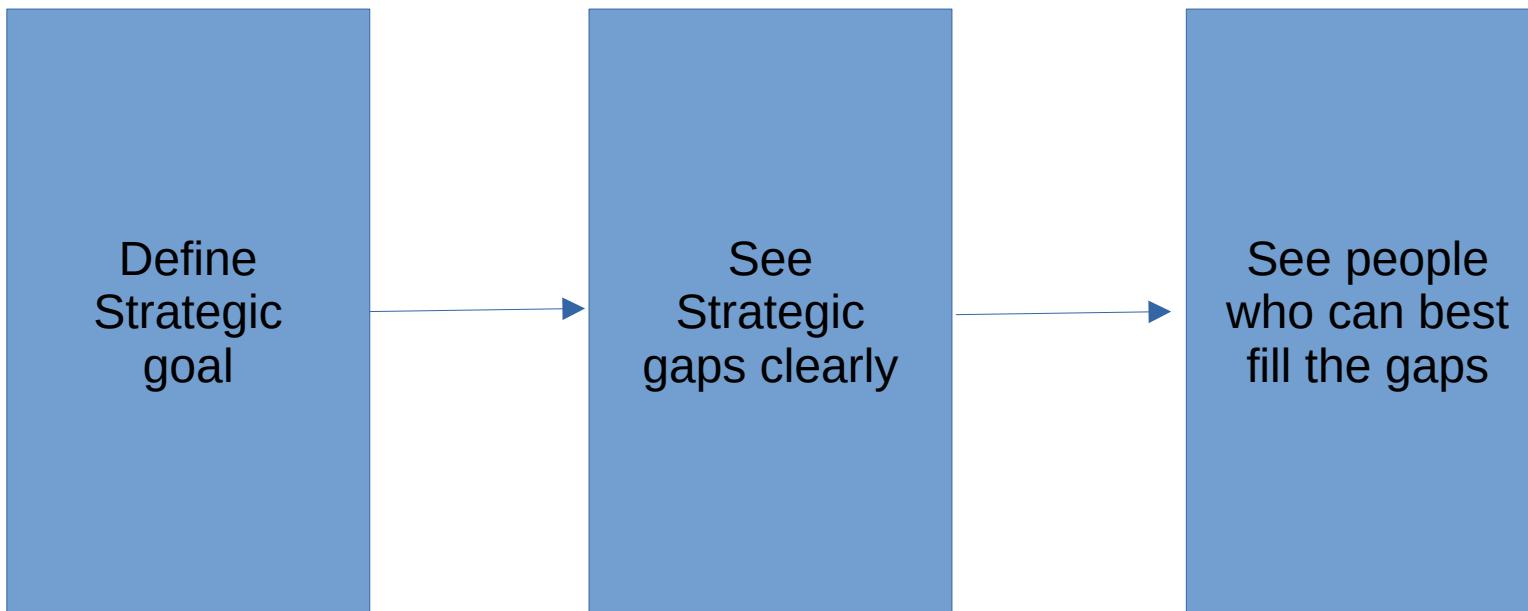
**~ 40–80 specialists**

→ 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 rich 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

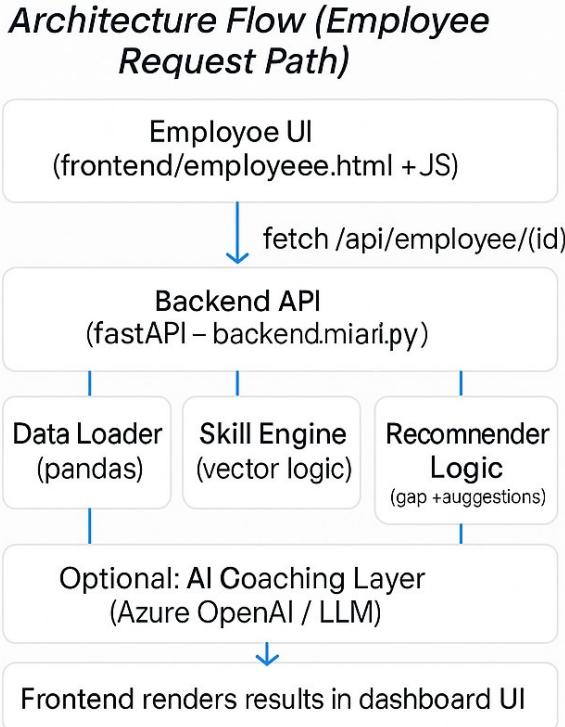
### Value

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

# The intentions: part 2

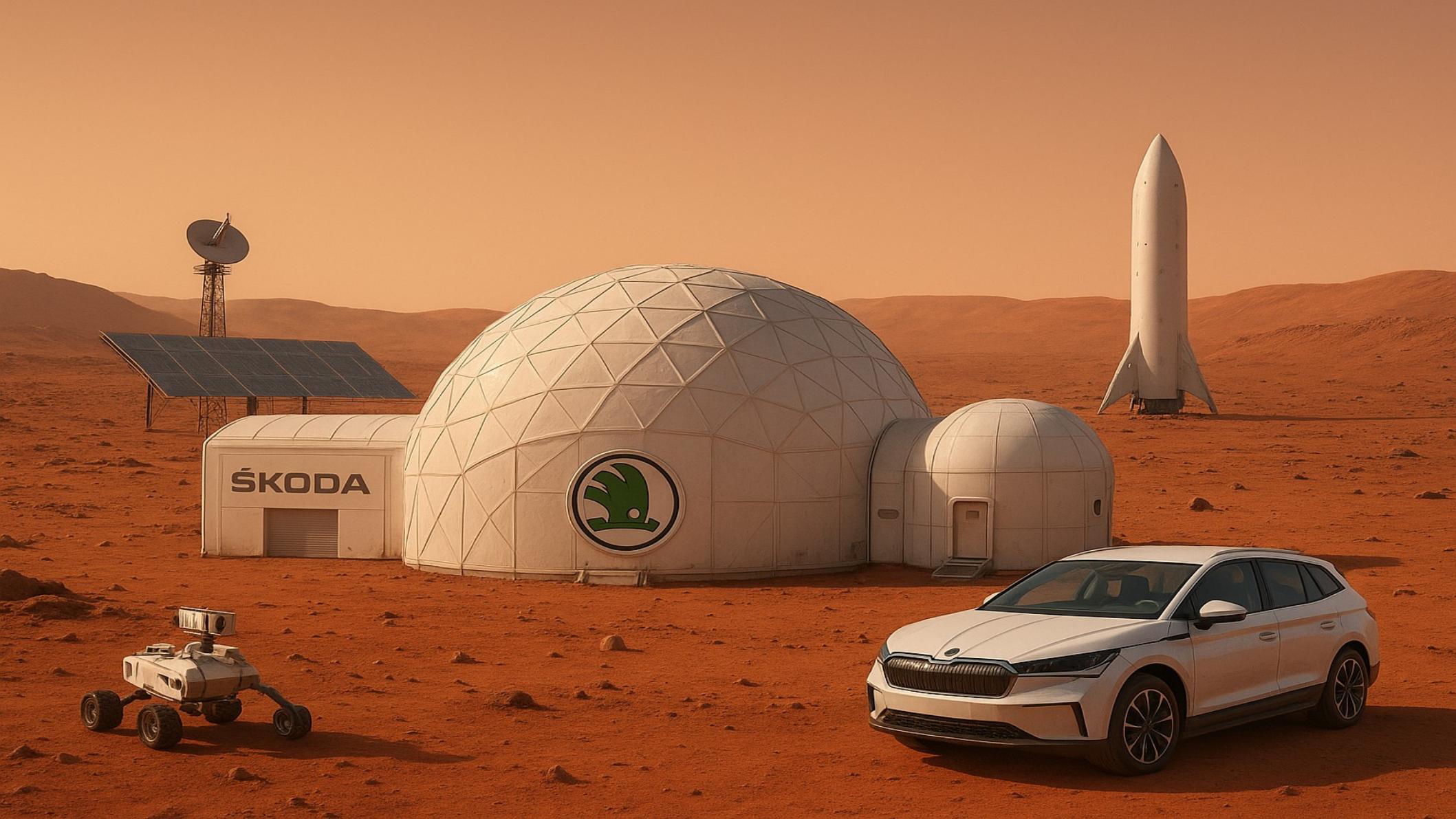
## The employee view

### 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)



ŠKODA