

### 3. API Requirements & Data Models

This outlines how the frontend communicates with the backend, including data contracts and endpoints.

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#### AUTH & USER MANAGEMENT

- POST /signup
- POST /login
- GET /profile
- PUT /profile/update
- POST /upload-resume

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#### FEED & POSTS

- GET /feed?user\_id=&interests=
- POST /post
- GET /post/{id}
- POST /like
- POST /comment

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#### JOBS

- GET /jobs?search=&filters=

- GET /job/{id}
- GET /job/certifications/{job\_id}
- GET /job/cultural-metrics/{location}
- POST /job/apply

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## COURSES & CERTIFICATIONS

- GET /certifications?industry=
- GET /certifications/trending

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## LOCATION & METRICS

- GET /location/cost-of-living/{city}
- GET /location/cultural-insights/{city}

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## DATA MODELS (Simplified)

User:

- id, name, email, resume, profile\_pic, certifications[], interests[]

Job:

- id, title, description, company, location, visa\_sponsorship, certification\_stats[], metrics[], ease\_of\_living()

### Certification:

- id, title, description, provider, industry

### Post:

- id, content, author\_id, media[], likes, comments[]

### Metric Block:

- category (standard of living / culture), metric\_name, value, format