

DDL

```
-- Enum types
```

```
CREATE TYPE user_role AS ENUM ('consultant', 'company', 'admin');  
CREATE TYPE unlock_target AS ENUM ('consultant', 'job');
```

```
-- Users table
```

```
CREATE TABLE users (  
    id INT GENERATED ALWAYS AS IDENTITY PRIMARY KEY,  
    username VARCHAR(80) NOT NULL UNIQUE,  
    role user_role NOT NULL,  
    created_at TIMESTAMP WITH TIME ZONE NOT NULL DEFAULT now()  
);
```

```
-- Consultant profiles
```

```
CREATE TABLE consultant_profiles (  
    id INT GENERATED ALWAYS AS IDENTITY PRIMARY KEY,  
    user_id INT NOT NULL,  
    display_name_masked VARCHAR(120) NOT NULL,  
    headline VARCHAR(160),  
    skills_text TEXT,  
    location_city VARCHAR(120),  
    country VARCHAR(120),  
    availability VARCHAR(120),  
    rate_value NUMERIC(10,2),  
    created_at TIMESTAMP WITH TIME ZONE NOT NULL DEFAULT now(),  
    CONSTRAINT fk_consultant_profiles_user FOREIGN KEY (user_id) REFERENCES  
    users(id) ON DELETE CASCADE  
);  
CREATE INDEX idx_consultant_profiles_user_id ON consultant_profiles(user_id);
```

```
-- Companies
```

```
CREATE TABLE companies (  
    id INT GENERATED ALWAYS AS IDENTITY PRIMARY KEY,  
    user_id INT NOT NULL,  
    company_name_masked VARCHAR(160) NOT NULL,  
    industry VARCHAR(160),  
    location_city VARCHAR(120),  
    country VARCHAR(120),  
    created_at TIMESTAMP WITH TIME ZONE NOT NULL DEFAULT now(),  
    CONSTRAINT fk_companies_user FOREIGN KEY (user_id) REFERENCES users(id) ON  
    DELETE CASCADE
```

```
);  
CREATE INDEX idx_companies_user_id ON companies(user_id);
```

-- Job posts

```
CREATE TABLE job_posts (  
    id INT GENERATED ALWAYS AS IDENTITY PRIMARY KEY,  
    company_id INT NOT NULL,  
    title VARCHAR(200) NOT NULL,  
    description TEXT,  
    skills_required_text TEXT,  
    location_city VARCHAR(120),  
    country VARCHAR(120),  
    contract_type VARCHAR(80),  
    anonymize BOOLEAN NOT NULL DEFAULT true,  
    created_at TIMESTAMP WITH TIME ZONE NOT NULL DEFAULT now(),  
    CONSTRAINT fk_job_posts_company FOREIGN KEY (company_id) REFERENCES  
    companies(id) ON DELETE CASCADE  
);  
CREATE INDEX idx_job_posts_company_id ON job_posts(company_id);
```

-- Unlocks

```
CREATE TABLE unlocks (  
    id INT GENERATED ALWAYS AS IDENTITY PRIMARY KEY,  
    user_id INT NOT NULL,  
    target_type unlock_target NOT NULL,  
    target_id INT NOT NULL,  
    created_at TIMESTAMP WITH TIME ZONE NOT NULL DEFAULT now(),  
    CONSTRAINT fk_unlocks_user FOREIGN KEY (user_id) REFERENCES users(id) ON  
    DELETE CASCADE  
);  
CREATE INDEX idx_unlocks_user_id ON unlocks(user_id);
```

-- profile_skills (many-to-many between consultant_profiles and skills)

```
CREATE TABLE profile_skills (  
    profile_id INT NOT NULL,  
    skill_id INT NOT NULL,  
    created_at TIMESTAMP WITH TIME ZONE NOT NULL DEFAULT now(),  
    PRIMARY KEY (profile_id, skill_id),  
    CONSTRAINT fk_profile_skills_profile FOREIGN KEY (profile_id) REFERENCES  
    consultant_profiles(id) ON DELETE CASCADE,
```

```
CONSTRAINT fk_profile_skills_skill FOREIGN KEY (skill_id) REFERENCES skills(id) ON
DELETE CASCADE
);
CREATE INDEX idx_profile_skills_profile_id ON profile_skills(profile_id);

CREATE INDEX idx_profile_skills_skill_id ON profile_skills(skill_id);

-- job_skills (many-to-many between job_posts and skills)

CREATE TABLE job_skills (
    job_id INT NOT NULL,
    skill_id INT NOT NULL,
    created_at TIMESTAMP WITH TIME ZONE NOT NULL DEFAULT now(),
    PRIMARY KEY (job_id, skill_id),
    CONSTRAINT fk_job_skills_job FOREIGN KEY (job_id) REFERENCES job_posts(id) ON
DELETE CASCADE,
    CONSTRAINT fk_job_skills_skill FOREIGN KEY (skill_id) REFERENCES skills(id) ON
DELETE CASCADE
);
CREATE INDEX idx_job_skills_job_id ON job_skills(job_id);
CREATE INDEX idx_job_skills_skill_id ON job_skills(skill_id);
```