

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);
```