Candidate Management
Registration/Login
Profile creation
Resume upload
Database Schema Design

1. Table: candidates

Stores basic registration and login info.

2. Table: candidate_profiles

Stores extended profile information.

3. Table: resumes

Stores uploaded resume files.

■ Security Notes
Store passwords using strong hashing (e.g., bcrypt).
Resume files should be stored securely (e.g., cloud storage with access control).
Use role-based access for admin vs candidate views.

Column Name	Data Type	Description
candidate_id	UUID / INT	Primary Key
email	VARCHAR	Unique email for login
password_hash	VARCHAR	Hashed password
created_at	TIMESTAMP	Registration date
last_login	TIMESTAMP	Last login time
is_active	BOOLEAN	Account status

Column Name	Data Type	Description
profile_id	UUID / INT	Primary Key
candidate_id	UUID / INT	Foreign Key → candidates
full_name	VARCHAR	Candidate's full name
phone_number	VARCHAR	Contact number
dob	DATE	Date of birth
gender	VARCHAR	Gender
location	VARCHAR	City/State
education	TEXT	Education details
experience	TEXT	Work experience summary
skills	TEXT / JSON	List of technical skills
created_at	TIMESTAMP	Profile creation time

Column Name	Data Type	Description
resume_id	UUID / INT	Primary Key
candidate_id	UUID / INT	Foreign Key → candidates
file_name	VARCHAR	Original file name
file_path	VARCHAR	Path or URL to stored file
uploaded_at	TIMESTAMP	Upload timestamp
file_type	VARCHAR	PDF, DOCX, etc.

■ *Security Notes*

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- Resume files should be stored securely (e.g., cloud storage with access control).

- Use role-based access for admin vs candidate views.