

JOBCONNECT

Swagger.url :<http://localhost:8080/swagger-ui/index.html>

The screenshot shows the JobConnect API Documentation interface. At the top, there's a navigation bar with the Swagger logo, the URL '/api-docs', and a green 'Explore' button. Below the header, the title 'JobConnect API Documentation' is displayed, along with '1.0 OAS 3.0'. A sub-header indicates it's for the 'Job Portal Application'. The main content area is organized into sections: 'employer-job-controller', 'twilio-sms-controller', 'application-controller', 'job-controller', and 'Schemas'. Each section contains a list of API endpoints with their methods and URLs. The 'employer-job-controller' section has four endpoints: PUT /api/employer/jobs/update/{id}, POST /api/employer/jobs/updateStatus, POST /api/employer/jobs/add, and GET /api/employer/jobs/my-jobs/{employerId}. The 'twilio-sms-controller' section has one endpoint: POST /api/notifications/send. The 'application-controller' section has three endpoints: POST /api/applications/apply, GET /api/applications/user/{userId}, and GET /api/applications/user/{userId}/applied-jobs. The 'job-controller' section has four endpoints: GET /api/jobs, GET /api/jobs/{id}, GET /api/jobs/search, and DELETE /api/jobs/delete/{id}. The 'Schemas' section lists two schema definitions: 'Job' and 'Application', each with a 'View' link.

JobConnect API Documentation 1.0 OAS 3.0

/api-docs

API documentation for Job Portal Application

Servers

http://localhost:8080 - Generated server url

employer-job-controller

PUT /api/employer/jobs/update/{id}

POST /api/employer/jobs/updateStatus

POST /api/employer/jobs/add

GET /api/employer/jobs/my-jobs/{employerId}

twilio-sms-controller

POST /api/notifications/send

application-controller

POST /api/applications/apply

GET /api/applications/user/{userId}

GET /api/applications/user/{userId}/applied-jobs

job-controller

GET /api/jobs

GET /api/jobs/{id}

GET /api/jobs/search

DELETE /api/jobs/delete/{id}

Schemas

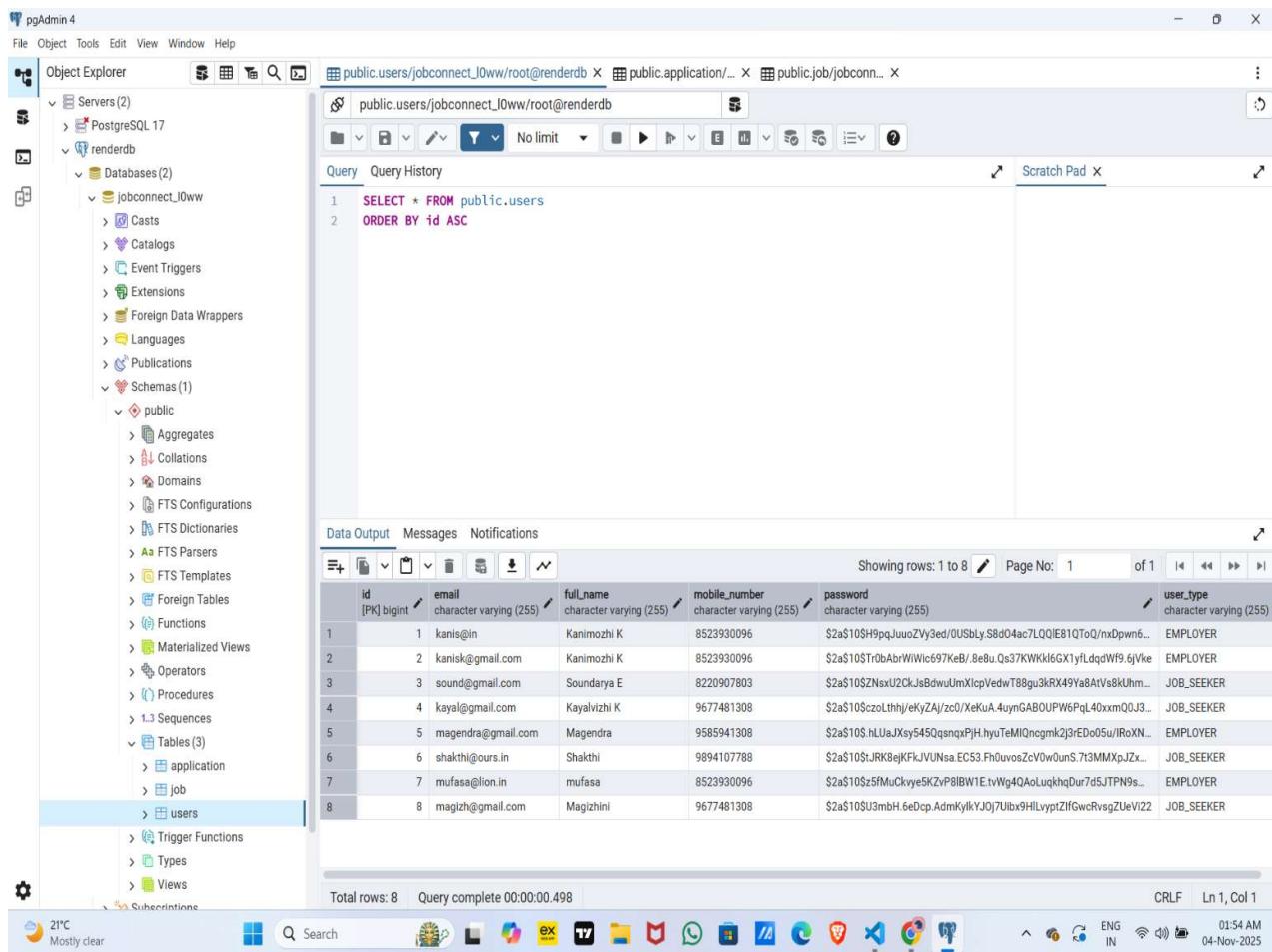
Job >

Application >

USERS

Purpose: To store all user details.

Description: Contains information about job seekers and employers registered in the system.



The screenshot shows the pgAdmin 4 interface. The left sidebar is the Object Explorer, displaying the database structure. The main area is a query editor window titled 'public.users/jobconnect_l0ww/root@renderdb'. The query is:

```
1 SELECT * FROM public.users
2 ORDER BY id ASC
```

The results are displayed in a Data Output tab, showing 8 rows of user data:

	id [PK] bigint	email character varying (255)	full_name character varying (255)	mobile_number character varying (255)	password character varying (255)	user_type character varying (255)
1	1	kanis@in	Kanimozh K	8523930096	\$2a\$10\$hpqJuuoZYy3ed/0lSbLyS8d04ac7LQjEB1QtOQ/nxOpwn6...	EMPLOYER
2	2	kanisk@gmail.com	Kanimozh K	8523930096	\$2a\$10\$TrObAbriWic697KeB/se8u.Qs37KWKl6gXtflqdqwf9.6jVke	EMPLOYER
3	3	sound@gmail.com	Soundarya E	8220907803	\$2a\$10\$ZNsxU2OkJsBdwuUmXicpVedwT88gu3kRX49Ya8AtVs8kUhm...	JOB_SEEKER
4	4	kayal@gmail.com	Kayalvzhi K	9677481308	\$2a\$10\$czoLthh/efyZA/zc0/XeKuA.4uynGABOUPW6Pql40xxmQ0J3...	JOB_SEEKER
5	5	magendra@gmail.com	Magendra	9585941308	\$2a\$10\$.hUaJXsy545QqnqoPiH.hyuTeMfOncgmk2j9Edo05uIRoXN...	EMPLOYER
6	6	shakthi@ours.in	Shakthi	9894107788	\$2a\$10\$trRK8ejFKJVUNsa.EC53.FhuvosZcV0w0unS.7i3MMXpJZx...	JOB_SEEKER
7	7	mufasa@lion.in	mufasa	8523930096	\$2a\$10\$z5fMuCkyye5KzvP8IBW1E.tvWg4QAoLuqhQdUr7dSJTPN9s...	EMPLOYER
8	8	magizh@gmail.com	Magizhini	9677481308	\$2a\$10\$U3mbH.6eDcpAdmKyklYJ0j7Ubx9HlLyptZifGwcRvsgZUeV12	JOB_SEEKER

Total rows: 8 Query complete 00:00:00.498

 JOBS

Purpose: To store job postings created by employers.

Description: Each record represents a job listing available for job seekers to apply.

The screenshot shows the pgAdmin 4 interface with the following details:

- File Object Tools Edit View Window Help**
- Object Explorer** pane on the left:
 - Servers (2)
 - PostgreSQL 17
 - renderdb
 - Databases (2)
 - jobconnect_10ww
 - Casts
 - Catalogs
 - Event Triggers
 - Extensions
 - Foreign Data Wrappe
 - Languages
 - Publications
 - public
 - Aggregates
 - Collations
 - Domains
 - FTS Configurati
 - FTS Dictionarie
 - FTS Parsers
 - FTS Templates
 - Foreign Tables
 - Functions
 - Materialized Vie
 - Operators
 - Procedures
 - Sequences
 - Tables (3)
 - application
 - job
 - users
 - Trigger Function
 - Types
 - Views
- public.job/jobconnect_10ww/root@renderdb** tab selected.
- Query** tab content:

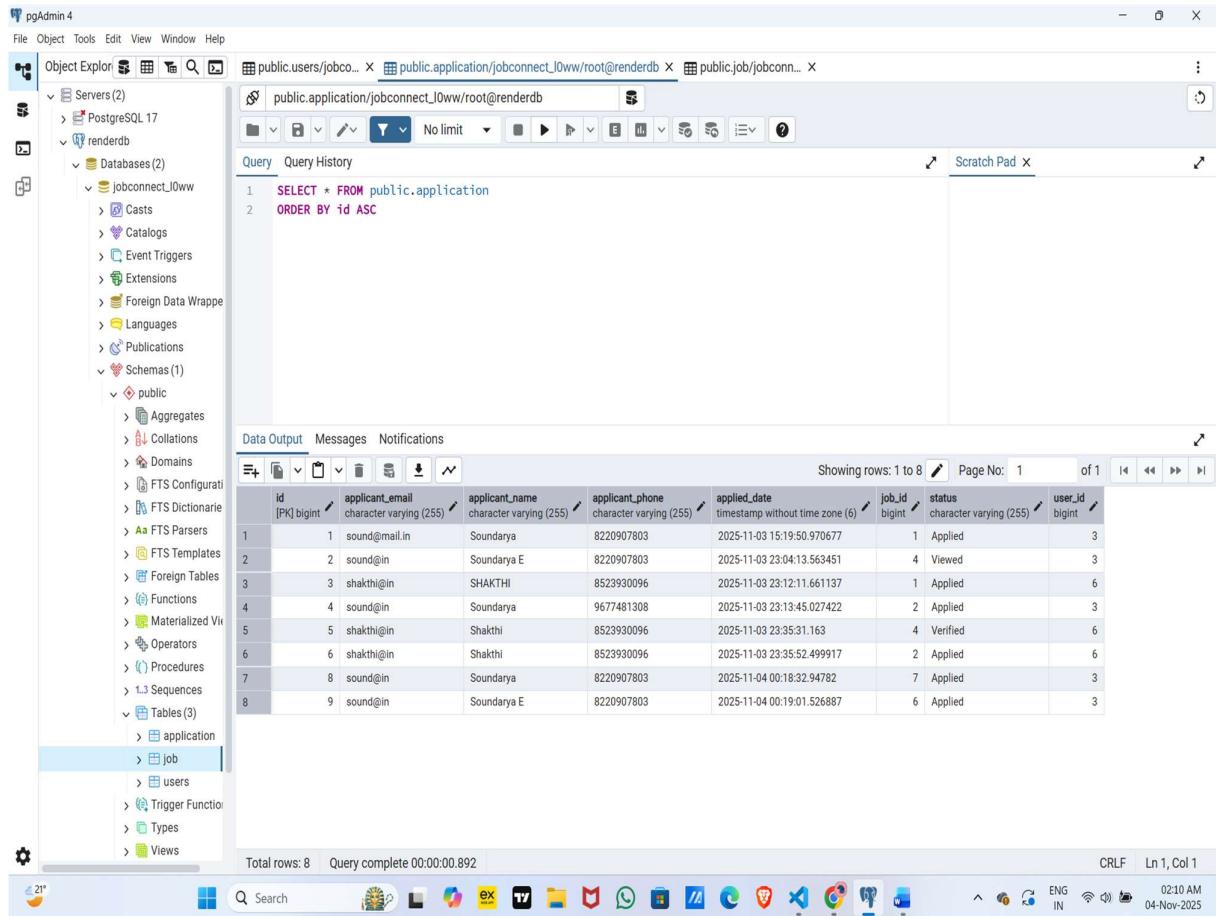
```
1 SELECT * FROM public.job
2 ORDER BY id ASC
```
- Data Output** tab content:

	id [PK] bigint	deadline date	description character varying (255)
1	1	2025-11-28	We are looking for a skilled Java Developer to design and develop RESTful APIs using Spring Boot and Hibernate. The candidate should have good knowledge of databases, debugging, and ...
2	2	2025-11-27	Build responsive and user-friendly web interfaces using React.js, HTML, and CSS. Collaborate with backend developers for API integration.
3	4	2025-11-20	Design and develop Android applications using Kotlin/Java. Experience in API integration and Firebase preferred.
4	6	2025-11-26	Conduct manual and automated testing for web and mobile applications. Experience in Selenium and TestNG required.
5	7	2025-11-19	Design modern and user-friendly web and mobile app interfaces using Figma and Adobe XD.
6	8	2025-11-21	Manage and deploy cloud infrastructure on AWS.
- Messages** and **Notifications** tabs are also present in the Data Output section.
- Showing rows: 1 to 6**, **Page No: 1**, **of 1**.
- Total rows: 6 Query complete 00:00:00.730**
- Bottom Bar**: CRLF, Ln 1, Col 1, 21°, Search, File Explorer, ex, TV, Microsoft Edge, WhatsApp, Mail, Google Chrome, Internet Explorer, ENG IN, 01:55 AM, 04-Nov-2025.

APPLICATIONS

Purpose: To store job applications submitted by job seekers.

Description: Connects job seekers with job listings they have applied for.



The screenshot shows the pgAdmin 4 interface with the following details:

- Object Explorer:** Shows the database structure with servers, databases, and tables.
- Query Editor:** Displays the SQL query: `SELECT * FROM public.application ORDER BY id ASC`.
- Data Output:** A grid showing the results of the query. The columns are: id [PK] bigint, applicant_email character varying (255), applicant_name character varying (255), applicant_phone character varying (255), applied_date timestamp without time zone (6), job_id bigint, status character varying (255), user_id bigint.
- Table Data:** The results are as follows:

	id [PK]	applicant_email	applicant_name	applicant_phone	applied_date	job_id	status	user_id
1	1	sound@mail.in	Soundarya	8220907803	2025-11-03 15:19:50.970677	1	Applied	3
2	2	sound@in	Soundarya E	8220907803	2025-11-03 23:04:13.563451	4	Viewed	3
3	3	shakthi@in	SHAKTHI	8523930096	2025-11-03 23:12:11.661137	1	Applied	6
4	4	sound@in	Soundarya	9677481308	2025-11-03 23:13:45.027422	2	Applied	3
5	5	shakthi@in	Shakthi	8523930096	2025-11-03 23:35:31.163	4	Verified	6
6	6	shakthi@in	Shakthi	8523930096	2025-11-03 23:35:52.499917	2	Applied	6
7	8	sound@in	Soundarya	8220907803	2025-11-04 00:18:32.94782	7	Applied	3
8	9	sound@in	Soundarya E	8220907803	2025-11-04 00:19:01.526887	6	Applied	3

Landing Page

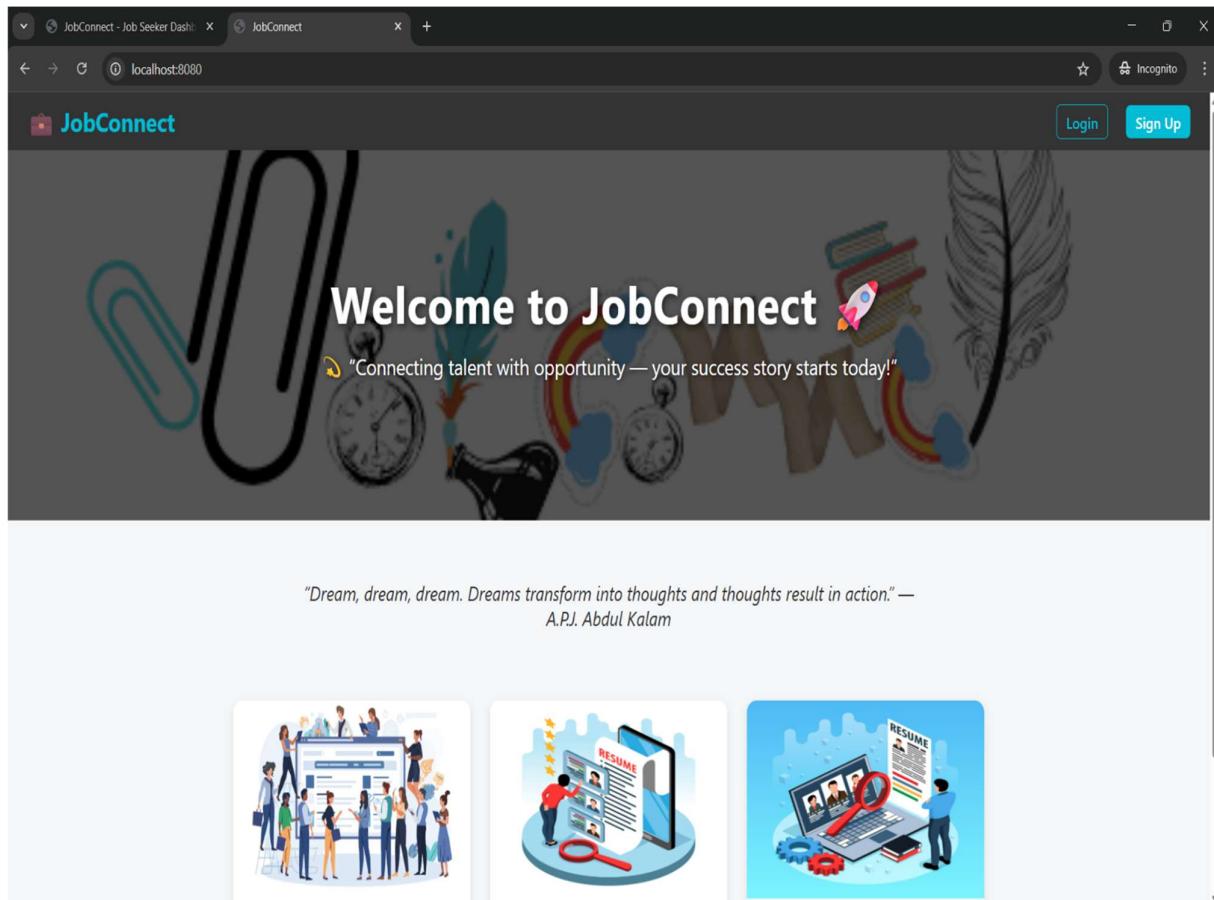
Purpose:

To provide an overview of the JobConnect platform and allow users to easily navigate to login or signup.

Description:

- Displays a welcoming introduction about the job portal.
- Includes navigation buttons for **Login** and **Signup**.
- Responsive design using HTML, CSS, and Bootstrap.
- Publicly accessible without login.

URL : <http://localhost:8080/>



Signup Page

Purpose:

To allow new users (both Job Seekers and Employers) to create an account.

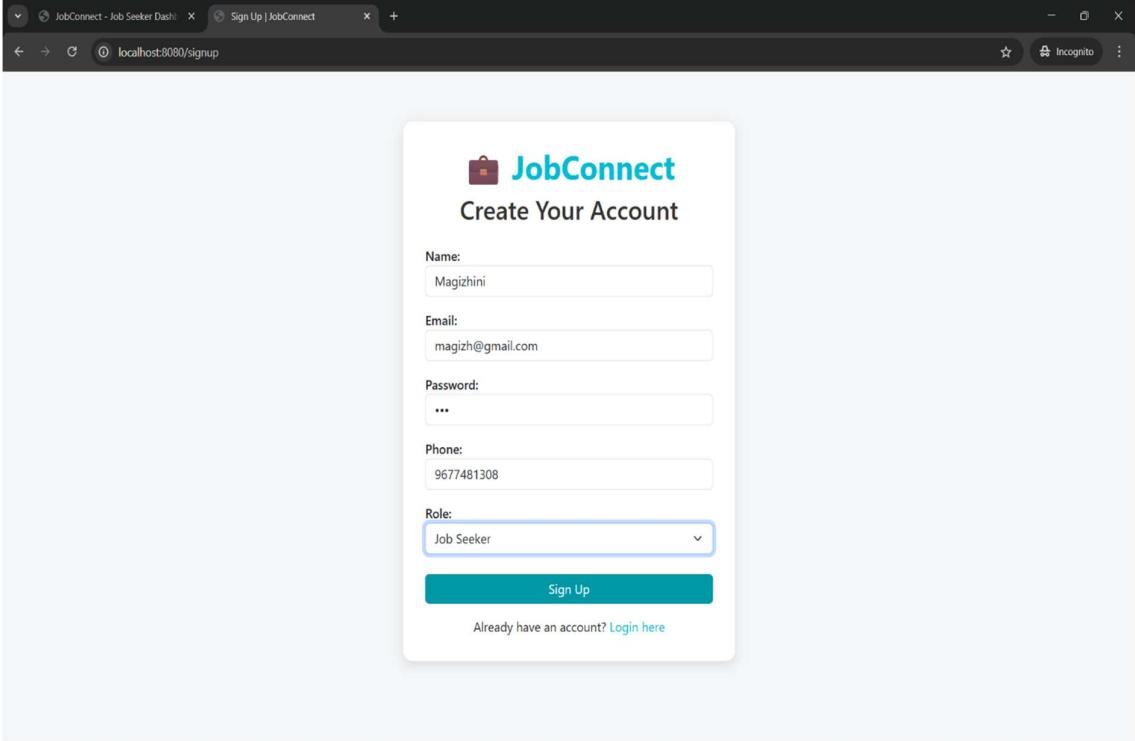
Description:

- Collects user details such as name, email, mobile number, password, and role (Job Seeker/Employer).
- After successful signup, sends an SMS confirmation via Twilio.

Key Features:

- Registration form with validation.
- SMS confirmation after successful registration.
- Stores user data securely in the database.

URL : <http://localhost:8080/signup>



The screenshot shows a web browser window with the URL localhost:8080/signup in the address bar. The page title is "Sign Up | JobConnect". The main content is a "Create Your Account" form for JobConnect. The form fields are as follows:

- Name: Magizhini
- Email: magizh@gmail.com
- Password: (redacted)
- Phone: 9677481308
- Role: Job Seeker

At the bottom of the form is a teal "Sign Up" button. Below the button, a link says "Already have an account? [Login here](#)".

🔑 Login Page

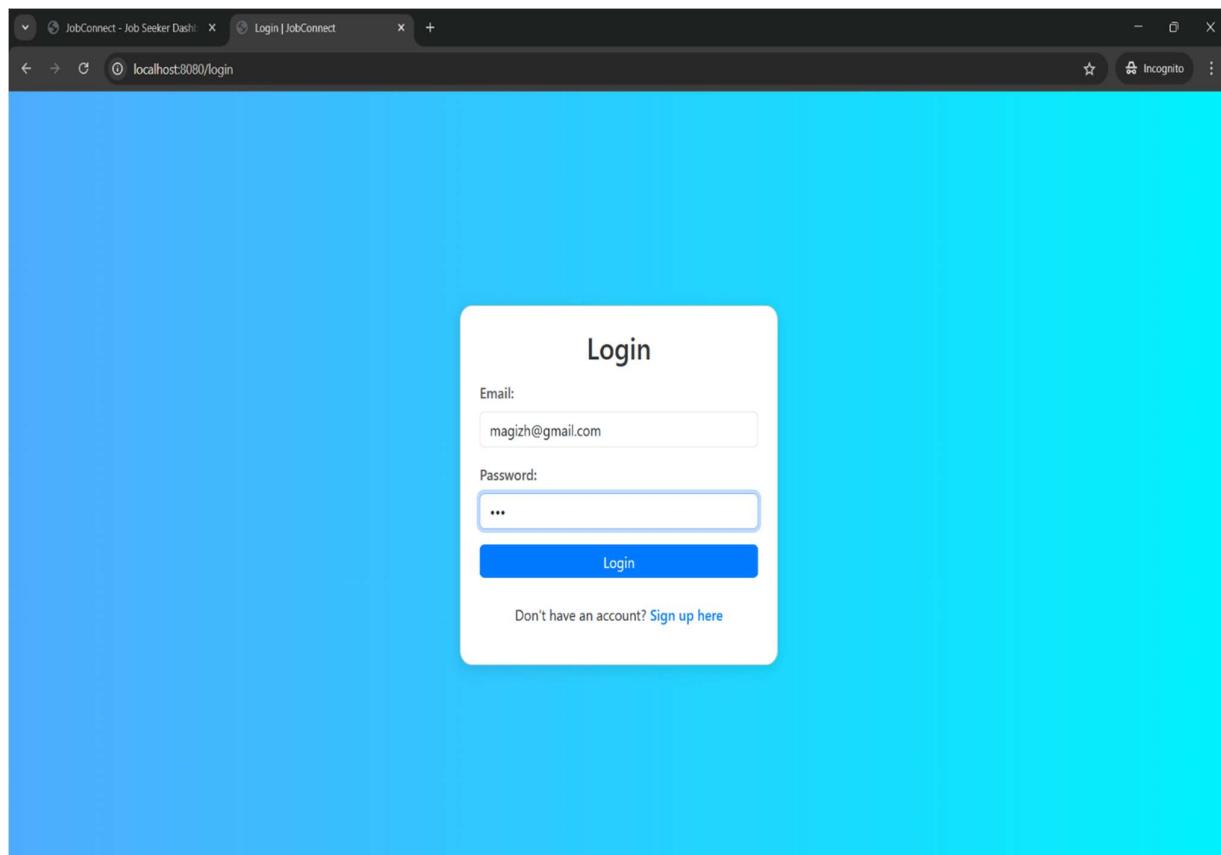
Purpose:

To authenticate users and redirect them to their respective dashboards.

Description:

- Allows both Employers and Job Seekers to log in using their email and password.
- Redirects users based on their role:
 - Employer → Employer Dashboard
 - Job Seeker → Job Seeker Dashboard

URL : <http://localhost:8080/login>



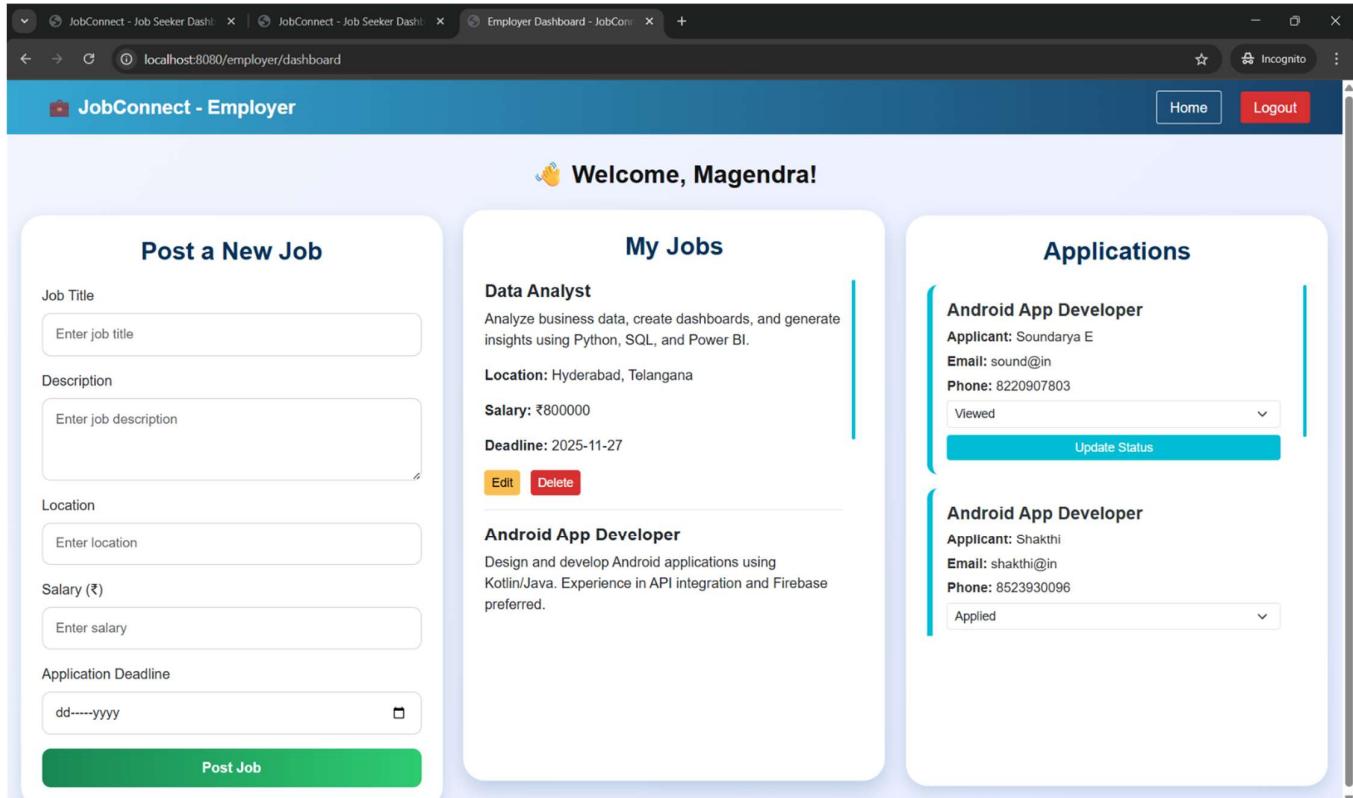
Employer Dashboard

Purpose:

To enable employers to post, view, and manage job listings.

Description:

- Displays all jobs posted by the logged-in employer.
- Allows employers to:
 - Add new job postings.
 - View list of applicants for each job.
 - Update application status (Pending, Accepted, Rejected).
- Sends automatic SMS alerts to all Job Seekers when a new job is posted (via Twilio).



The screenshot shows the JobConnect - Employer Dashboard interface. At the top, there are three tabs: "JobSeeker Dashboard", "JobSeeker Dashboard", and "Employer Dashboard - JobConnect". The URL in the browser is "localhost:8080/employer/dashboard". The dashboard has a blue header with the JobConnect logo and "Logout" button. The main content area is divided into three sections:

- Post a New Job**: A form with fields for "Job Title" (placeholder: "Enter job title"), "Description" (placeholder: "Enter job description"), "Location" (placeholder: "Enter location"), "Salary (₹)" (placeholder: "Enter salary"), and "Application Deadline" (placeholder: "dd----yyyy"). A "Post Job" button is at the bottom.
- My Jobs**: A list of jobs:
 - Data Analyst**: Analyze business data, create dashboards, and generate insights using Python, SQL, and Power BI.
Location: Hyderabad, Telangana
Salary: ₹800000
Deadline: 2025-11-27
[Edit](#) [Delete](#)
 - Android App Developer**: Design and develop Android applications using Kotlin/Java. Experience in API integration and Firebase preferred.
- Applications**: A list of applications:
 - Android App Developer**: Applicant: Soundarya E, Email: sound@in, Phone: 8220907803. Status: Viewed. Buttons: "Update Status" (blue) and "Applied" (grey).
 - Android App Developer**: Applicant: Shakthi, Email: shakthi@in, Phone: 8523930096. Status: Applied.

URL : <http://localhost:8080/employer/dashboard>

Job Seeker Dashboard

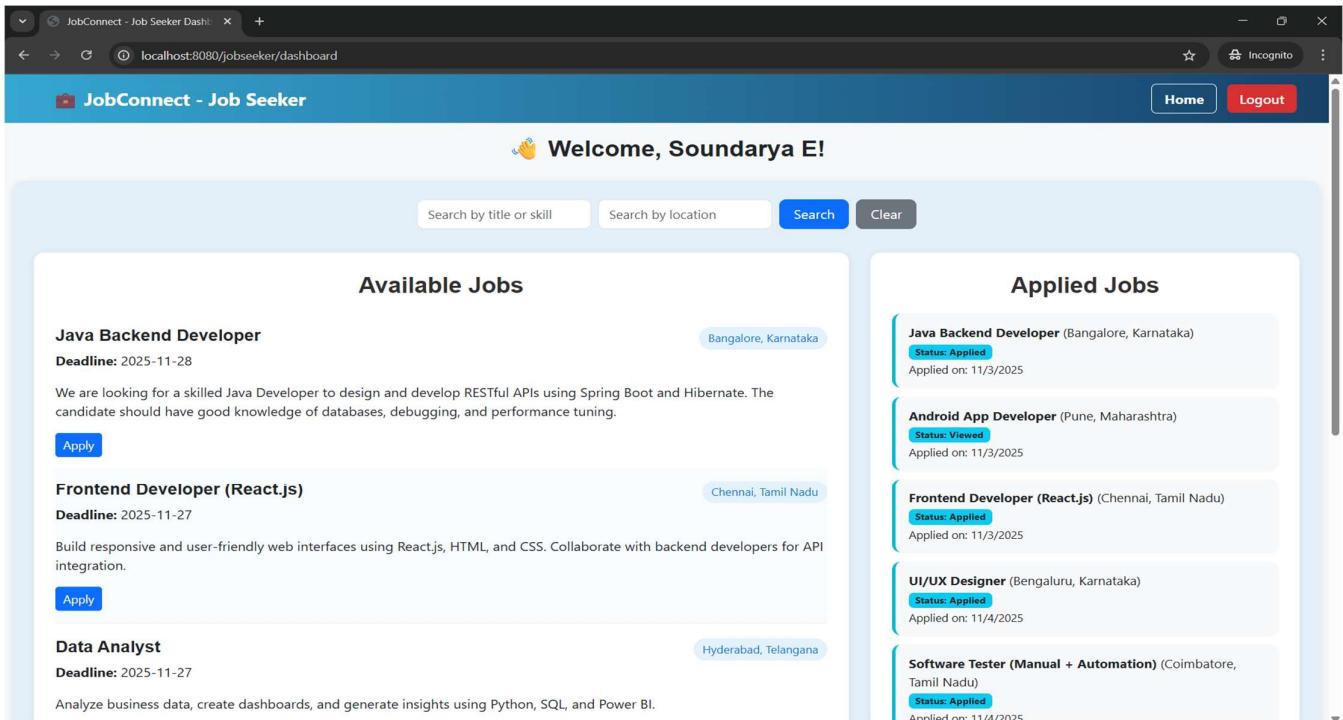
Purpose:

To allow job seekers to browse and apply for available jobs.

Description:

- Displays a list of available job postings from all employers.
- Allows the user to apply directly with name, email, and phone number.
- Displays the status of their applications (Applied, Viewed, Verified).

URL : <http://localhost:8080/jobseeker/dashboard>



The screenshot shows a web browser window for 'JobConnect - Job Seeker' at the URL localhost:8080/jobseeker/dashboard. The page is titled 'JobSeeker Dashboard' and features a 'Welcome, Soundarya E!' message. It includes search filters for 'Search by title or skill' and 'Search by location'. The main content is divided into two sections: 'Available Jobs' and 'Applied Jobs'.

Available Jobs:

- Java Backend Developer** (Deadline: 2025-11-28) - Bangalore, Karnataka
Status: Applied
Applied on: 11/3/2025
- Frontend Developer (React.js)** (Deadline: 2025-11-27) - Chennai, Tamil Nadu
Status: Applied
Applied on: 11/3/2025
- Data Analyst** (Deadline: 2025-11-27) - Hyderabad, Telangana
Status: Applied
Applied on: 11/4/2025

Applied Jobs:

- Java Backend Developer** (Bangalore, Karnataka)
Status: Applied
Applied on: 11/3/2025
- Android App Developer** (Pune, Maharashtra)
Status: Viewed
Applied on: 11/3/2025
- Frontend Developer (React.js)** (Chennai, Tamil Nadu)
Status: Applied
Applied on: 11/3/2025
- UI/UX Designer** (Bengaluru, Karnataka)
Status: Applied
Applied on: 11/4/2025
- Software Tester (Manual + Automation)** (Coimbatore, Tamil Nadu)
Status: Applied
Applied on: 11/4/2025

Twilio Notification System

Purpose:

To send instant SMS notifications to users (job seekers and employers) for important updates such as account creation and new job postings.

Description:

The application uses **Twilio API** to send automated text messages to registered users.

This enhances engagement and ensures that users never miss important actions.

