

Job Portal System - System Flow

1. User Registration & Login

- React sends registration/login data → Servlet (/api/registerUser or /api/login)
- Servlet validates → JDBC inserts/selects from DB
- DB returns result → Servlet sends JSON → React updates UI

2. Job Posting (Recruiter)

- Recruiter logs in via JSP or React
- Fills job details → Servlet (/api/postJob)
- JDBC inserts into jobs table

3. Job Browsing (Seeker)

- React requests /api/getJobs
- Servlet fetches jobs from DB via JDBC
- Returns job list as JSON → React renders job cards

4. Job Application

- Seeker clicks Apply → React sends /api/applyJob with jobId & userId
- Servlet inserts into applications table via JDBC
- Confirmation returned → React shows 'Applied Successfully'

5. Recruiter Reviews Applicants

- Recruiter logs in (JSP dashboard)
- JSP calls Servlet (/getApplicants?jobId=...)
- JDBC fetches applications + seeker profiles
- JSP renders applicant list

6. Admin Operations

- Admin logs in (JSP)
- Can manage recruiters, seekers, and jobs
- CRUD operations → Servlet + JDBC