




CareerConnect



1805061 - Noshin Nawal
1805076 - Maneesha Rani Saha
1805079 - Sumaiya Sultana



Architecture

Service Oriented Architecture

- **User Management Service:**

Operations for sign up, login, and profile management for both job seekers and recruiters.

- **Job Listing Service:**

Operations for listing jobs, searching, sorting, and getting job recommendations based on a job seeker's profile and followings.

- **Job Posting Service:**

Operations for recruiters to create new job posts, modify and delete them.

Service Oriented Architecture

- **Application Service:**

Operations for job seekers to apply to jobs by submitting their online CV, and for recruiters to view and manage applicants.

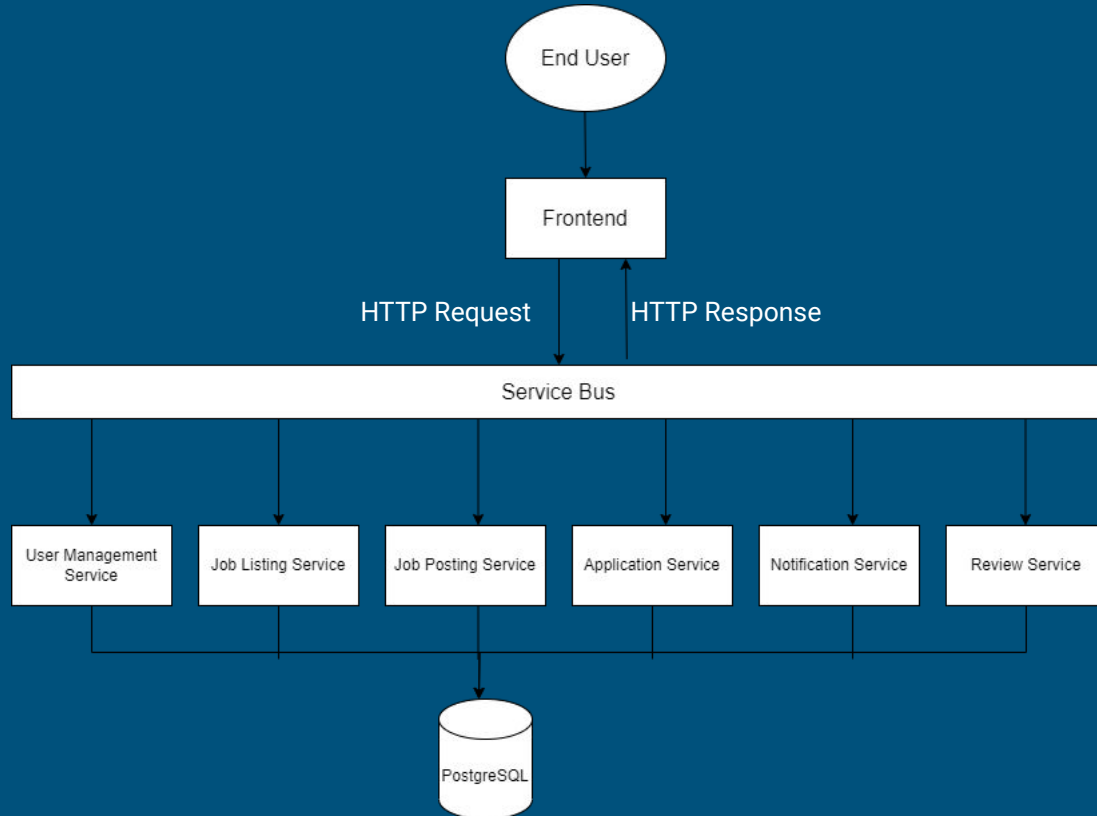
- **Notification Service:**

Operations for sending notifications to job seekers, including job alerts, updates on followed companies, application status notifications, and to recruiters, including followers, new applicants of jobs, reviews.

- **Review Service:**

Operations for job seekers to post reviews of companies and for recruiters to view and respond to reviews.

Service Oriented Architecture Diagram



Other Components

Database: PostgreSQL

Backend: Node.js with Express

Frontend: React

API Documentation

