

Executive Summary

The CareerJobConnect system is designed to streamline the process of connecting job seekers with employers. This report provides a comprehensive set of diagrams that document the system's functional, structural, behavioral, and architectural aspects. The included diagrams serve the following purposes: - Use Case and Sequence Diagrams highlight how users interact with the system and the flow of key processes. - Entity-Relationship and Class Diagrams define the data model and system structure. - Activity and State Machine Diagrams illustrate workflows and the lifecycle of applications. - Deployment and Component Diagrams explain the technical architecture and modular design. - Data Flow Diagram (DFD) shows how information moves through the system. Together, these diagrams provide a clear, end-to-end view of CareerJobConnect, supporting system design, implementation, and stakeholder communication.

CareerJobConnect - System Diagrams Report

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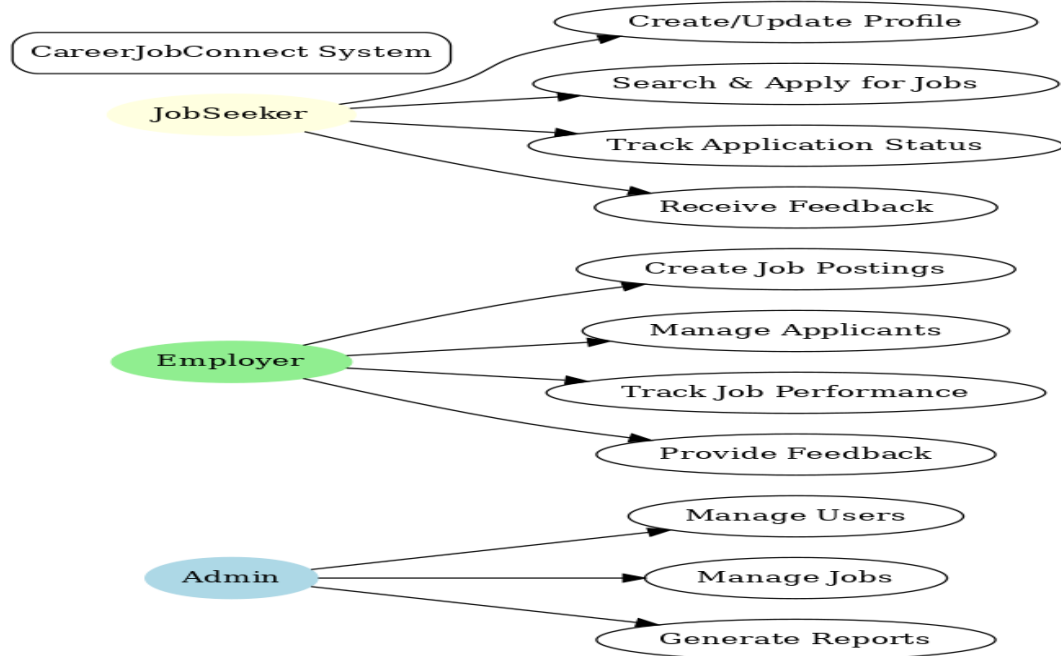
Deployment Diagram – System Architecture

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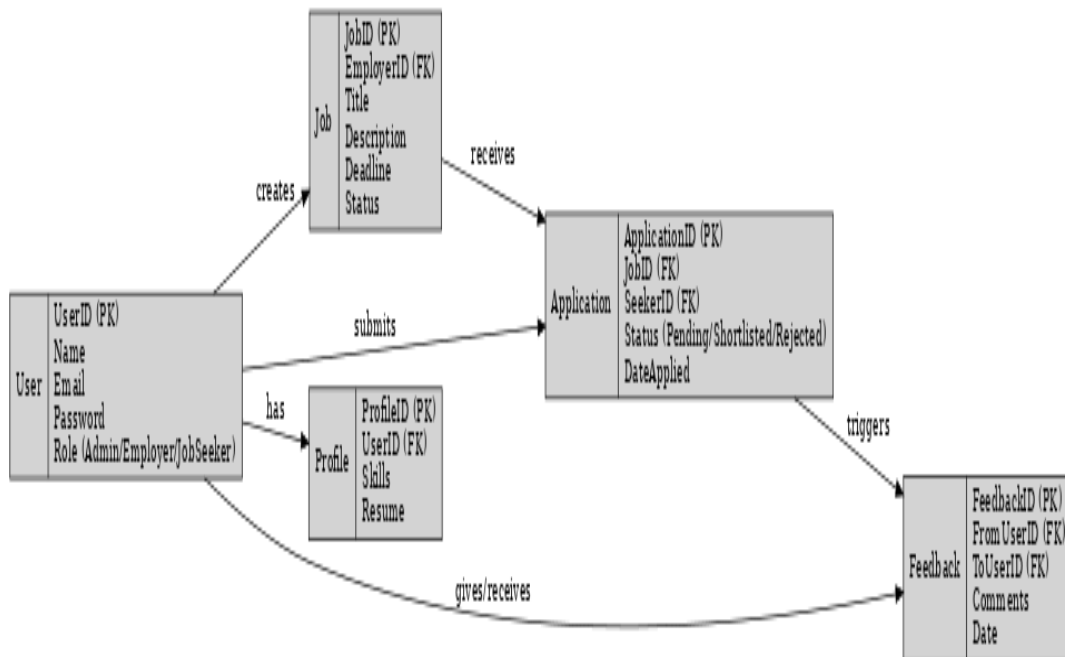
Data Flow Diagram (DFD – Level 1)

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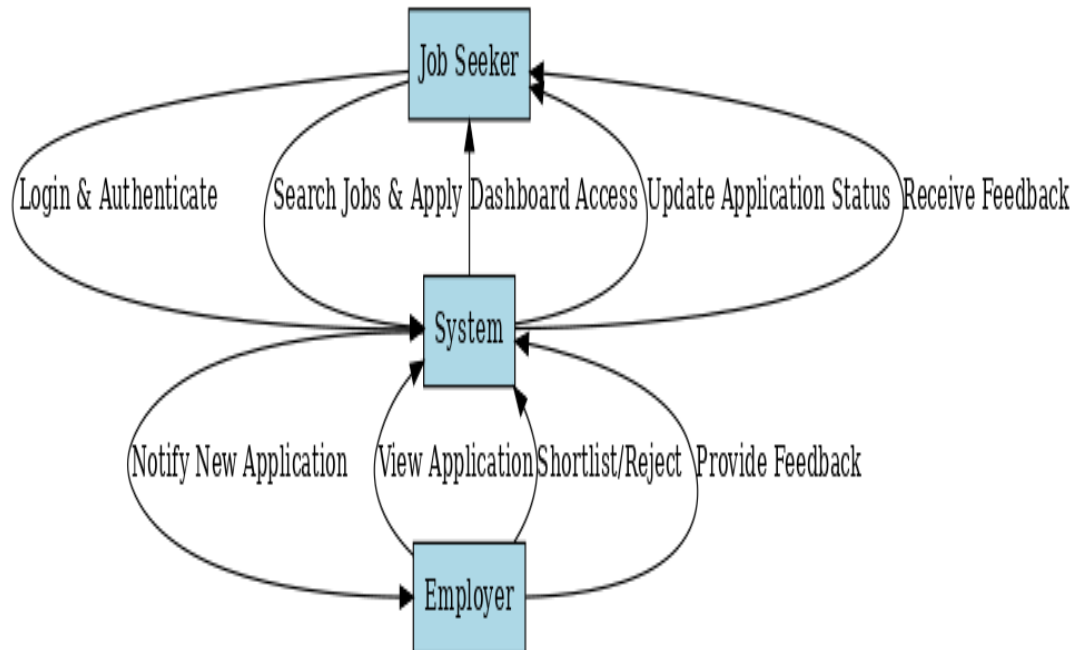
1. UML Use Case Diagram



2. Entity-Relationship Diagram (ERD)



3. Sequence Diagram (Job Application Process)



4. UML Class Diagram

