

Job Portal System - Project Report

Abstract:

The Job Portal System is a web-based and mobile-friendly application designed to connect job seekers with employers. It allows users to register, search for jobs, apply, and manage applications, while employers can post job openings and review applicants. The system aims to simplify the hiring process through a single integrated platform.

Introduction:

In today's competitive world, job searching and recruitment processes require digital solutions that save time and effort. The Job Portal System provides a platform where candidates can apply for multiple jobs and companies can easily manage recruitment processes. The project focuses on improving the efficiency and accessibility of job opportunities through an online system.

Tools Used:

***Backend:** Java Spring Boot Framework

***Database:** MySQL

* **IDE:** IntelliJ IDEA / Android Studio

***Build Tool:** Maven

Steps Involved in Building the Project:

1. **Requirement Analysis:** Understanding the needs of job seekers and employers.
2. **Database Design:** Creating entity relationships for users, jobs, and applications.
3. **Backend Development:** Developing REST APIs using Spring Boot.
4. **Frontend Design:** Building responsive UI using HTML/CSS or Kotlin.
5. **Integration:** Connecting frontend and backend through APIs.
6. **Testing:** Performing functional and database testing.
7. **Deployment:** Hosting on local or cloud server.

Conclusion:

The Job Portal System effectively bridges the gap between job seekers and employers. It provides a convenient and efficient way to manage job applications and postings. This project demonstrates the power of Java-based full-stack development in solving real-world problems and can be further enhanced with AI-driven job matching and analytics in the future.