

Job Portal Project Report

Introduction

This project was developed as part of my internship to design and implement a Job Portal application. The platform enables job seekers to search and apply for jobs while employers can post job openings. It aims to simplify recruitment and create a bridge between applicants and recruiters.

Abstract

The Job Portal is a full-stack web application built using Spring Boot, Thymeleaf, and MySQL. It features secure login, role-based access, job posting, and application tracking. The project enhances user experience with a responsive UI (Bootstrap + CSS) and provides practical exposure to real-world software development practices.

Tools Used

- **Spring Boot** – Backend Framework
 - **Thymeleaf** – Frontend Templating Engine
 - **MySQL** – Database
 - **Bootstrap + CSS** – UI/UX Design
 - **Git & GitHub** – Version Control
 - **IntelliJ IDEA / VS Code** – Development Environment
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Steps Involved in Building the Project

1. Requirement Analysis – Understanding objectives and planning features.
2. Database Design – Creating schema for Users, Jobs, and Applications.
3. Backend Development – Implementing services, controllers, and security.
4. Frontend Development – Building responsive pages with Thymeleaf and Bootstrap.
5. Integration – Connecting frontend with backend APIs.
6. Testing – Debugging and ensuring functional correctness.

7. Deployment – Hosting on a local server and pushing code to GitHub.

Acknowledgement

I sincerely thank my internship supervisor and faculty mentors for their guidance and encouragement throughout the project. Their valuable inputs helped me complete this project successfully.

Learning Outcomes

- Practical understanding of full-stack development.
 - Improved knowledge of Spring Boot & MySQL integration.
 - Hands-on experience in UI/UX design with Bootstrap.
 - Learned version control using Git & GitHub.
 - Enhanced confidence in explaining projects during interviews.
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Conclusion

The Job Portal project successfully achieved its objectives by providing a simple, efficient, and user-friendly platform for job seekers and employers. This internship gave me valuable technical exposure, problem-solving practice, and teamwork experience — preparing me for future challenges in software development.