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Introduction

Career Connect is a user-friendly recruitment platform designed to bridge the gap between job seekers and employers. The system simplifies the process of posting jobs and applying for them through separate dashboards for recruiters and candidates. It enhances efficiency, promotes transparency, and reduces communication delays in the hiring process.

Aims and Objectives

Aims:

- Digitalize the traditional job recruitment workflow.
- Create an interactive and intuitive platform for job seekers and recruiters.
- Provide role-based access to features.

Objectives:

- Recruiters can post, edit, and delete jobs from their dashboard.
- Candidates can view available jobs and apply directly.
- Implement user authentication and access control.
- Track applications submitted by candidates.

Tools & Technologies

Frontend: React.js
Backend: Node.js + Express
Database: MySQL (XAMPP)
Others: JWT, VS Code

Requirement Analysis

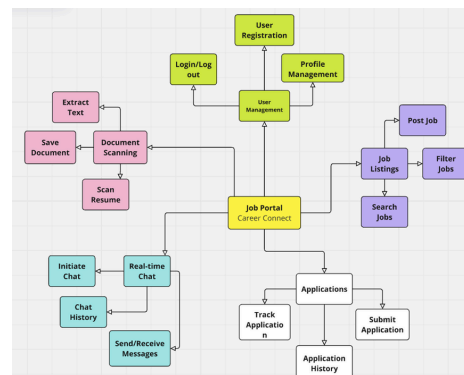
- User roles: Recruiter, Candidate
- Features: Job posting, job application, profile management, secure login, password reset, dashboard separation
- Secure data storage with MySQL (XAMPP)

Literature review

Academic Questions

- How can we ensure secure and scalable access to data?
- What are the challenges in integrating recruitment workflows?

Artefact



Conclusion

Career Connect successfully supports the job recruitment process through intuitive dashboards and role-based features. It ensures secure user interactions and streamlines job application management.

Future Scope

The proper integration of chat features will be implemented to ensure that recruiters and candidates can easily connect with each other.

paper/study	findings	conclusion
Boldi, A. S., 2024 – Transparency in e-Recruitment	Privacy issues in e-recruitment platforms stem from weak encryption and lack of transparency. Platforms must use secure databases and privacy-aware user design to gain trust.	Career Connect applies encrypted storage and privacy tools, addressing key issues and enhancing trust among users.
Miller, S. & Watson, 2021 – Data-Driven Decision-Making in Recruitment	Dashboards help reduce recruiter bias, visualize processes, and improve decision-making. Tools like Tableau show candidate pipelines and time-to-hire metrics.	Career Connect's dashboards use progress bars and pie charts, adding value through real-time insights from skill-based games and chat systems.
Patel, R. & Kumar, 2022 – Real-Time Messaging in Recruitment Platforms	Real-time tech (WebSockets, WebRTC) boosts user engagement and hiring efficiency. Platforms lack integration of messaging with candidate analytics.	Career Connect integrates chat, candidate tracking, and assessments, providing a unified and efficient hiring experience.