An Application Connecting Job Seekers and Recruiters

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***Abstract*—This undergraduate thesis investigates an application connecting people seeking work with employers seeking staff. Job seekers and recruiters need a way to present opportunities and find suitable matches. The student designs and implements an application for the stated two-sided job-matching problem. The thesis documents system design, interface examples, and supporting technologies. The conclusion says the student application was completed, but also acknowledges time and experience limits and several functions that remain unfinished. It does not report successful real-world placements. The source does not provide a controlled matching evaluation, verified employer participation, or measured placement outcomes. Functional completeness remains limited. The contribution is a documented student study or prototype whose stated scope can guide further testing.**

***Index Terms*—job matching, recruitment, employment application, web system**

I. Introduction

Job seekers and recruiters need a way to present opportunities and find suitable matches. This thesis investigates an application connecting people seeking work with employers seeking staff. It begins from a practical engineering need and explains the technologies and workflow chosen for the case. The objective is to document a student implementation or comparative investigation, together with the evidence available in the manuscript. Broader operational or economic effects require separate measurements and are not assumed from the existence of a prototype [1]. Earlier ICTU student work on related designs is included here for context [2], [3], [4]. Related published studies provide context for the subject and methods [5], [6], [7], [8], [9], [10]. These contextual works were selected for this English summary; they are not asserted to appear in the original thesis bibliography.

II. Methods

The student designs and implements an application for the stated two-sided job-matching problem. The thesis documents system design, interface examples, and supporting technologies. The source is summarized through its stated design, implementation material, examples, and conclusion. Features shown in the manuscript are distinguished from proposals for later development. This review does not add a new experiment, fill missing measurements with estimates, or treat a planned capability as an observed result. The source thesis remains the provenance for the reported work [1].

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III. Results

The conclusion says the student application was completed, but also acknowledges time and experience limits and several functions that remain unfinished. It does not report successful real-world placements. The report's screens, configurations, examples, or measurements constitute the evidence for this summary. A capability described only as a design intention is not counted as a validated operational outcome. No additional performance, adoption, financial, or safety figure has been introduced here. The result is interpreted within the scope of the student's documented setup [1].

IV. Discussion

The source does not provide a controlled matching evaluation, verified employer participation, or measured placement outcomes. Functional completeness remains limited. Further work could finish missing workflows, test search and application tasks with both user groups, and evaluate data quality and privacy. These limitations affect how the evidence should be read. The current manuscript can support understanding of the design and reported demonstration, while independent tests would be needed for stronger claims. Any later deployment should document its environment and separate observed outcomes from intended benefits [1].

V. Conclusion

The thesis documents an application connecting people seeking work with employers seeking staff. The conclusion says the student application was completed, but also acknowledges time and experience limits and several functions that remain unfinished. It does not report successful real-world placements. The source does not provide a controlled matching evaluation, verified employer participation, or measured placement outcomes. Functional completeness remains limited. Further work could finish missing workflows, test search and application tasks with both user groups, and evaluate data quality and privacy. Accordingly, the present contribution is a source-grounded account of the student work and its tested or illustrated scope. Claims about broader effectiveness should be assessed in later work using explicit evaluation conditions [1].

References

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