Pittsburgh Hires Veterans

Executive Summary

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Background

Pittsburgh Hires Veterans (PHV) is a nonprofit organization located on Banksville Road in Pittsburgh, PA and dedicated to helping veterans, service members, and their families transition into civilian employment in Pittsburgh. They believe that all veterans deserve fair wages and a meaningful career, as they bring valuable skills and experience to the workforce.

Project Description

Project Opportunity

The veteran database and job bank being hosted through separate systems presented several problems for PHV. The manual matching work performed was time consuming and led to longer times until veterans got placed. We created an automated job match plugin that notifies veterans weekly about jobs that may interest them according to their preferences.

Project Vision

Our proposed solution was to merge PHV's existing veteran information from Apricot into WordPress to automate the process of matching veterans with job opportunities. With it, all active veterans can be matched with jobs that are close to ones they're looking for using the job matching plugin we created. This solution automatically emails veterans every Monday with these jobs.

Project Outcomes

Give an overview of your project outcomes. You don't have to include all that will be in your final report, but include important people, process, and technology outcomes (not just technology ones).

- Existing veteran data now exists on one database
- PHV Employees are freed to do other important duties
- Veterans have an easier time signing up with the organization
- Veterans no longer have missing required information
- Job match plugin creates job matches (high, medium, low)
- Veterans receive job match updates via email every week

Project Deliverables

Describe in a brief what is included in the deliverables. You do **not** need to describe how to access them in this executive summary, for that information is in the full report.

The deliverables include the job match plugin repository, job match plugin documentation, Google Drive folder containing all the document deliverables for the class, and final presentation slides

Recommendations

- Improve the Wordpress sign up form by eliminating redundancies and making the fields a little more clear for the veterans.
- Improve the speed and accuracy of the job match plugin. As the organization grows, and more jobs get created, the plugin may take longer to generate job matches.
- Improve the UI of the job match plugin.

Student Consulting Team

Victor Wang served as the client relationship manager. He is a fourth-year student majoring in Information Systems with an additional major in Human-Computer Interaction. He's looking forward to a career in product design after graduation.

Lue Lin served as the project manager. He is a third-year student majoring in Information Systems with an additional major in Creative Writing and minors in Game Design and Computer Science. He's conducting research with the English department this summer and looking to pursuing a career in game design

Victor Crawshaw served as the quality assurance lead and main developer of the Job Match plugin. He is a third-year student majoring in Information Systems with minors in Computer Science and Computational Finance. He's looking to pursue a career in software development or quantitative finance.