PackReview — NC State Jobs Review System

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Empowering students with insights, discussions, and community-driven reviews for a better on-campus job journey.

What is PackReview?

PackReview is a job review application designed to enhance the job search experience by providing users a platform to share and explore job insights. It facilitates informed career decisions through user-generated reviews.

Existing Key Features:

User-Generated Job Reviews:
- The platform allows users to contribute reviews, creating a rich database of experiences that inform prospective applicants.

Comprehensive Job Search and Filtering:
- Users can refine job searches using specific filters by search and company ensuring they find the most relevant reviews.

Optimized Performance with Pagination:
- Pagination strategies ensure efficient data loading and browsing, minimizing server load and enhancing user experience.

New Enhancements:

Top Job Picks for Users
- A dedicated section features curated job recommendations based on user ratings and feedback, guiding users toward the best opportunities.

Community Discussion Forum
- A forum feature for community engagement, allowing users to discuss job-related topics and share advice.
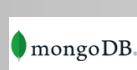
Review Editing and Updates
- Users can update their reviews, ensuring that job insights remain current and relevant over time.

Enhanced Flash Popup Messages and Warnings
- Added new enhanced flash messages and warnings, providing timely feedback and alerts to users, improving interaction and usability.

Enhanced Login Security:
- Strengthened the login process with password confirmation features and informative warnings, ensuring a safer and more secure user experience.

Future Scope (Version i+1):

Machine Learning Recommendations:
- Implement AI-driven job recommendations based on users' interests, increasing the relevance and personalization of job suggestions.

Enhanced Review Analytics:
- Introduce graphical insights for trends in job satisfaction, location-based salary data, and career growth opportunities.

Expanded Discussion Features:
- Allow users to follow topics, upvote/downvote discussions, and receive notifications on relevant posts, making the forum more interactive.

Mobile App Development:
- Create a mobile version of the application to expand accessibility and allow users to engage on the go.

Gamified Review System:
- Incentivize users to contribute by adding a badge and rewards system for active participation and helpful reviews.

Code Quality:

- 48 Test Cases
- 89% Code Coverage
- Pylint & AutoPEP8 Badges
- Automated Workflows: Continuous integration