



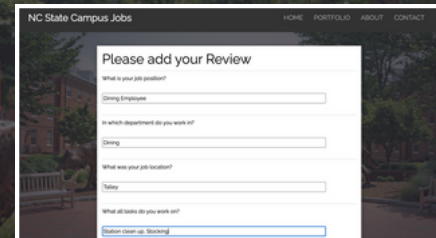
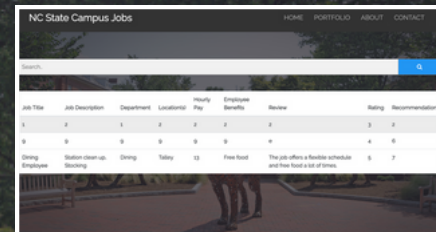
# NC State Campus Jobs

Add Reviews

View Reviews

## NC STATE JOBS RATING AND REVIEW SYSTEM

WHERE STUDENT EXPERIENCES SHAPE OPPORTUNITIES

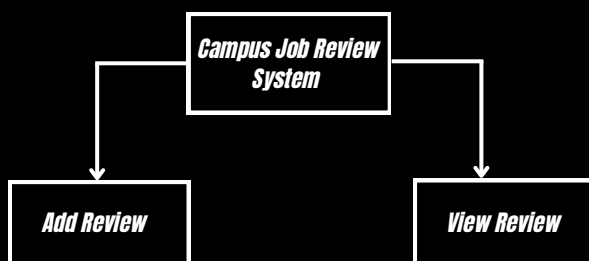


### Overview

This Flask application offers NGSU students a comprehensive platform to explore ratings and reviews of on-campus job opportunities, powered by an SQL database for reliable data storage. Students gain valuable insights from peers with first-hand experience, helping them make informed decisions about potential job postings. The platform also allows users to anonymously submit their own reviews, fostering a transparent and honest community for sharing job-related experiences.

### Why Choose Us

- **Addresses Real-World Challenges:** The app streamlines the job search process, guiding students toward optimal career matches.
- **Quick and Easy Installation:** Hassle-free setup with minimal requirements ensures a smooth start.
- **User-Friendly Interface:** An intuitive design provides effortless navigation for a seamless user experience.
- **Lightweight Web Application:** Built on Flask, our minimalistic framework strikes the perfect balance between performance and simplicity.
- **Efficient SQL Database:** Robust storage enables quick access to information, significantly enhancing speed.
- **Extensively Tested:** Thorough testing across both front-end and back-end guarantees reliability. A comprehensive set of 5 test cases ensure reliability with successful validations for key routes, job postings, and user reviews.
- **Scalability:** Designed to adapt seamlessly to increasing volumes of job reviews and feedback.
- **Well-Documented Repository:** A meticulously maintained Git repository facilitates seamless development and collaboration.



### Pathway to Progress: Key Milestones

#### Database Migration

- Transition from the current minimal SQL to MongoDB for enhanced performance and scalability.

#### Frontend Upgrade

- Migration from HTML/CSS to React for a dynamic and responsive user experience.

#### Enhanced User Interaction

- Create REST APIs in flask to create dynamic filters for pay rate, ratings, job location, and sorting options.

#### User Feedback

- Add upvoting/downvoting as database attributes and integrate voting for job reviews via a REST API.

#### Security Enhancements

- Secure login/sign-up processes with improved authentication mechanisms like password hashing and session handling using JWT tokens.

#### Browser Extension

- Integrate a browser API with the cloud MongoDB database to allow for job review pop-ups and form autofill when viewing/applying to job postings.

