

SE PROJECT 2

Group No:88

Team Members:

Member 1: Avik Dube

Member 2: Srinivasa Karthikeya Reddy Kovvuri

Member 3: Bharadwaj Katna

GitHub Repo link: <https://github.com/karthikeya7746/WolfJobs>



WolfJobs

The Ultimate Hub for On-Campus Student Employment

Group 88 - Avik Dube, Bharadwaj Katna,
Srinivasa Karthikeya Reddy Kovvuri

Introduction:

The job market for students seeking short-term roles lacks dedicated platforms, as traditional portals overwhelm users with permanent listings and complicate applications with inconsistent formats and poor job matching. The WolfJobs job portal aims to connect the student fraternity with the recruiters for both temporary and full-time job openings. The different recruiters can post temporary jobs, for which candidates apply without bothering about permanent associations.



REACT



NODE.JS

ex EXPRESS.JS

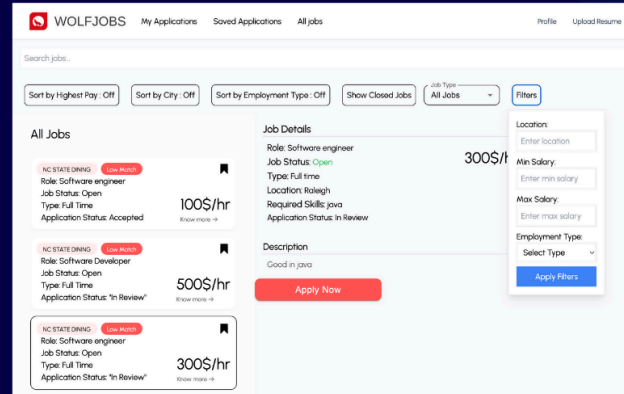
REST API



MONGODB

Future Enhancements:

- **Email services:** On getting selected/ rejected to a job, the applicant should get an email about it.
- **Chatbot Integration:** A chatbot functionality will enable the users to easily interact with it and get to know about more features in the website.
- **Database security and Hashing:** Wolfjobs currently doesn't securely store the password and user information in the database. This data needs to be protected and hashed to ensure security.
- **Mobile App Version:** Develop a mobile app for the platform, allowing users to access job listings, notifications, and other features on the go.



What's New:

- **Job Filters by Role:** Users can filter jobs for part-time, full-time, co-op, and internship opportunities.
- **"Save Job" Screen:** Provide a tab where users can save a particular job in their account for easy access later.
- **Enhanced Manager Profiles:** Expand the manager profiles to include more fields of information
- **Location-based filters for filtering job searches:** Will allow users to search for work in a place of their choice so that the opening is relevant to them.
- **Job Filters by Min and Max salary:** Users can now filter jobs based on the minimum and maximum salary they are looking for.



Github Repo



Live Demo

Github repo link: <https://github.com/karthikeya7746/WolfJobs>

Notes	Score	Evidence
Workload is spread over the whole team (one team member is often X times more productive than the others but nevertheless, here is a track record that everyone is contributing a lot)	3	Link: https://github.com/karthikeya7746/WolfJobs/branches Although the number of commits are varying within the team, the contribution towards the modification of project is similar
Number of commits	3	Link: https://github.com/karthikeya7746/WolfJobs/branches
Issues reports: there are many	2	Issues Opened: Link: https://github.com/karthikeya7746/WolfJobs/issues
Issues are being closed	2	Issues Closed: Link: https://github.com/karthikeya7746/WolfJobs/issues
Docs: doco generated, format not ugly	3	Hosted on GitHub Wiki Link: https://github.com/karthikeya7746/WolfJobs/wiki
Docs: what: point descriptions of each class/function (in isolation)	2	Hosted on GitHub Wiki Link: https://github.com/karthikeya7746/WolfJobs/wiki
Docs: how: for common use cases X,Y,Z mini-tutorials showing worked examples on how to do X,Y,Z	2	Hosted on GitHub Wiki Link: https://github.com/karthikeya7746/WolfJobs/wiki
Docs: why: docs tell a story, motivate the whole thing, deliver a punchline that makes you want to rush out and use the thing	3	Link: https://github.com/karthikeya7746/WolfJobs/blob/master/README.md

Docs: short video, animated, hosted on your repo. That convinces people why they want to work on your code.	3	Link: https://github.com/karthikeya7746/WolfJobs/blob/master/README.md
Use of version control tools	3	Git version control tool
Test cases exist	3	https://github.com/karthikeya7746/WolfJobs/tree/master/backend/test https://github.com/karthikeya7746/WolfJobs/tree/master/frontend/tests
Test cases are routinely executed	3	https://github.com/karthikeya7746/WolfJobs/actions
Issues are discussed before they are closed	3	https://github.com/karthikeya7746/WolfJobs/issues
Chat channel: exists		
Test cases: a large proportion of the issues related to handling failing cases.	2	https://github.com/karthikeya7746/WolfJobs/issues
Evidence that the whole team is using the same tools: everyone can get to all tools and files	3	Team has used the same codebase, tools and common config tools
Evidence that the whole team is using the same tools (e.g. config files in the repo, updated by lots of different people)	3	Team has used the same codebase, tools and common config tools
Evidence that the whole team is using the same tools (e.g. tutor can ask anyone to share screen, they demonstrate the system running on their computer)	3	Team has used the same codebase, tools and common config tools
Evidence that the members of the team are working across multiple places in the	3	Link: https://github.com/karthikeya7746/WolfJobs/branches

code base		
Short release cycles	2	Project has frequent commits by all the team members
The file .gitignore lists what files should not be saved to the repo. See examples: https://github.com/github/gitignore	3	Link: https://github.com/karthikeya7746/WolfJobs/blob/master/.gitignore
The file INSTALL.md lists how to install the code	3	Link: https://github.com/karthikeya7746/WolfJobs/blob/master/INSTALL.MD
The file LICENSE.md lists rules of usage for this repo	3	Link: https://github.com/karthikeya7746/WolfJobs/blob/master/LICENSE.md
The file CODE-OF-CONDUCT.md lists rules of behavior for this repo; e.g. see example	3	Link: https://github.com/karthikeya7746/WolfJobs/blob/master/CODE OF CONDUCT.md
The file CONTRIBUTING.md lists coding standards and lots of tips on how to extend the system without screwing things up; e.g. see example	3	Link: https://github.com/karthikeya7746/WolfJobs/blob/master/CONTRIBUTING.md
The file README.md contains all the following		
Video	3	Can be scanned QR in above mentioned poster
DOI badge: exists.	3	https://github.com/karthikeya7746/WolfJobs/blob/master/README.md
Badges showing your style checkers	2	Link: https://github.com/karthikeya7746/WolfJobs/blob/master/README.md
Badges showing your code formatters.	3	Link: https://github.com/karthikeya7746/WolfJobs/blob/master/README.md

Badges showing your syntax checkers.	1	Link: https://github.com/karthikeya7746/WolfJobs/blob/master/README.md
Badges showing your code coverage tools	3	Link: https://github.com/karthikeya7746/WolfJobs/blob/master/README.md
Badges showing any other Other automated analysis tools	1	Link: https://github.com/karthikeya7746/WolfJobs/blob/master/README.md
Questionnaire		
Does your website and documentation provide a clear, high-level overview of your software?	Yes	Link: https://github.com/karthikeya7746/WolfJobs/blob/master/README.md
Does your website and documentation clearly describe the type of user who should use your software?	Yes	Link: https://github.com/karthikeya7746/WolfJobs/blob/master/README.md
Do you publish case studies to show how your software has been used by yourself and others?	No	We have defined the use-cases, however we have not published any case study
Is the name of your project/software unique?	Yes	Yes, it is unique.
Is your project/software name free from trademark violations?	No	MIT Licensed and contacted the early contributors for usage
Is your software available as a package that can be deployed without building it?	No	
Is your software available for free?	No	MIT Licensed https://github.com/karthikeya7746/WolfJobs/blob/master/README.md

		EADME.md
Is your source code publicly available to download, either as a downloadable bundle or via access to a source code repository?	Yes	MIT Licensed Link: https://github.com/karthikeya7746/WolfJobs/blob/master/R_EADME.md https://github.com/karthikeya7746/WolfJobs
Is your software hosted in an established, third-party repository like GitHub (https://github.com), BitBucket (https://bitbucket.org), LaunchPad (https://launchpad.net) or SourceForge (https://sourceforge.net)?	No	Link: https://github.com/karthikeya7746/WolfJobs
Is your documentation clearly available on your website or within your software?	Yes	Link: https://github.com/karthikeya7746/WolfJobs/blob/master/R_EADME.md
Does your documentation include a "quick start" guide, that provides a short overview of how to use your software with some basic examples of use?	Yes	Link: https://github.com/karthikeya7746/WolfJobs/blob/master/R_EADME.md
If you provide more extensive documentation, does this provide clear, step-by-step instructions on how to deploy and use your software?	Yes	Link: https://github.com/karthikeya7746/WolfJobs/blob/master/R_EADME.md
Do you provide a comprehensive guide to all your software's commands, functions and options?	Yes	Link: https://github.com/karthikeya7746/WolfJobs/blob/master/R_EADME.md
Do you provide	No	

troubleshooting information that describes the symptoms and step-by-step solutions for problems and error messages?		
If your software can be used as a library, package or service by other software, do you provide comprehensive API documentation?	Yes	
Do you store your documentation under revision control with your source code?	Yes	Link: https://github.com/karthikeya7746/WolfJobs/blob/master/README.md
Do you publish your release history e.g. release data, version numbers, key features of each release etc. on your web site or in your documentation?	No	
Does your software describe how a user can get help with using your software?	Yes	
Does your website and documentation describe what support, if any, you provide to users and developers?	Yes	Link: https://github.com/karthikeya7746/WolfJobs/blob/master/CONTRIBUTING.md
Does your project have an e-mail address or forum that is solely for supporting users?	Yes	
Are e-mails to your support e-mail address received by more than one person?	Yes	

Does your project have a ticketing system to manage bug reports and feature requests?	Yes	Link: https://github.com/karthikeya7746/WolfJobs/issues
Is your project's ticketing system publicly visible to your users, so they can view bug reports and feature requests?	Yes	Link: https://github.com/karthikeya7746/WolfJobs/issues
Is your software's architecture and design modular?	Yes	
Does your software use an accepted coding standard or convention?	Yes	Yes, currently we use JavaScript Standard Style, ESLint, Prettier and we develop using React/Node.js standards and conventions for coding.
Does your software allow data to be imported and exported using open data formats? e.g. GIF, SVG, HTML, XML, tar, zip, CSV, JSON, NetCDF, or domain specific ones	No	No our software do not allow data to be imported however user can upload files in our software
Does your software allow communications using open communications protocols? e.g. HTTP, FTP, XMPP, SOAP over HTTP, or domain-specific ones	Yes	Yes, we do use APIs in our software to exchange data over extensible over HTTP and other protocols this makes it easy to integrate with other systems.
Is your software cross-platform compatible? e.g. does it run under two or more of Windows, Unix/Linux and Mac OS X, or can be used from within two or more of	Yes	

Internet Explorer, Chrome, Firefox and Safari?		
Does your software adhere to appropriate accessibility conventions or standards?	Yes	
Does your documentation adhere to appropriate accessibility conventions or standards?	Yes	Yes, our documentation does meet generally acceptable conventions & standards, it's not just locked out of normal modality accessibility for users with disabilities.
Is your source code stored in a repository under revision control?	Yes	GitHub
Is each source code release a snapshot of the repository?	No	
Are releases tagged in the repository?	No	
Is there a branch of the repository that is always stable? (i.e. tests always pass, code always builds successfully)	Yes	Main
Do you back-up your repository?	Yes	GitHub, Local
Do you provide publicly-available instructions for building your software from the source code?	Yes	Link: https://github.com/karthikeya7746/WolfJobs/blob/master/README.md
Can you build, or package, your software using an automated tool? e.g. Make (https://www.gnu.org/software/make/), ANT (http://ant.apache.org/), Maven	No	

(https://maven.apache.org/) , CMake (https://cmake.org/), Python setuptools (https://pypi.python.org/pypi/setuptools), or R package tools (https://cran.r-project.org/doc/manuals/r-devel/R-exts.html)		
Do you provide publicly-available instructions for deploying your software?	No	
Does your documentation list all third-party dependencies?	Yes	Badges in Readme Link: https://github.com/karthikeya7746/WolfJobs/blob/master/README.md
Does your documentation list the version number for all third-party dependencies?	No	
Does your software list the web address, and licences for all third-party dependencies and say whether the dependencies are mandatory or optional?	No	
Can you download dependencies using a dependency management tool or package manager? e.g. Ivy (http://ant.apache.org/ivy/), Maven (https://maven.apache.org/), Python pip (https://pypi.python.org/pypi/pip) or setuptools (https://pypi.python.org/pypi/setuptools), PHP Composer (https://getcomposer.org/), Ruby gems	Yes	pip, npm

(https://rubygems.org), or R PackRat (https://rstudio.github.io/packrat/)		
Do you have tests that can be run after your software has been built or deployed to show whether the build or deployment has been successful?	NO	
Do you have an automated test suite for your software?	NO	
Do you have a framework to periodically (e.g. nightly) run your tests on the latest version of the source code?	NO	
Do you use continuous integration, automatically running tests whenever changes are made to your source code?	No	
Are your test results publicly visible?	Yes	https://github.com/karthikeya7746/WolfJobs/blob/master
Are all manually-run tests documented?	No	No manual test cases executed
Does your project have resources (e.g. blog, Twitter, RSS feed, Facebook page, wiki, mailing list) that are regularly updated with information about your software? e.g. release announcements, publications, workshops, conference presentations	NO	
Does your website state	Yes	Contributors on GitHub

how many projects and users are associated with your project?		
Do you provide success stories on your website?	No	
Do you list your important partners and collaborators on your website?	No	
Do you list your project's publications on your website or link to a resource where these are available?	No	
Do you list third-party publications that refer to your software on your website or link to a resource where these are available?	No	
Can users subscribe to notifications to changes to your source code repository?	Yes	
If your software is developed as an open source project (and, not just a project developing open source software), do you have a governance model?	Yes	MIT Licensed
Do you accept contributions (e.g. bug fixes, enhancements, documentation updates, tutorials) from people who are not part of your project?	Yes	Link: https://github.com/karthikeya7746/WolfJobs/blob/master/CONTRIBUTING.md
Do you have a contributions policy?	Yes	Link: https://github.com/karthikeya7746/WolfJobs/blob/master/CONTRIBUTING.md

		7746/WolfJobs/blob/master/CONTRIBUTING.md
Is your contributions' policy publicly available?	Yes	Link: https://github.com/karthikeya7746/WolfJobs/blob/master/CONTRIBUTING.md
Do contributors keep the copyright/IP of their contributions?	Yes	MIT Licensed
Does your website and documentation clearly state the copyright owners of your software and documentation?	Yes	MIT Licensed
Does each of your source code files include a copyright statement?	No	However, the whole project is Licensed under MIT
Does your website and documentation clearly state the licence of your software?	Yes	Link: https://github.com/karthikeya7746/WolfJobs/blob/master/LICENCE.md
Is your software released under an open source licence?	Yes	Link: https://github.com/karthikeya7746/WolfJobs/blob/master/LICENCE.md
Is your software released under an OSI-approved open-source licence?	Yes	Link: https://github.com/karthikeya7746/WolfJobs/blob/master/LICENCE.md
Does each of your source code files include a licence header?	Yes	https://github.com/karthikeya7746/WolfJobs/blob/master/
Do you have a recommended citation for your software?	NO	
Does your website or documentation include a project roadmap (a list of project and development	Yes	Future Scope in Readme Link: https://github.com/karthikeya7746/WolfJobs/blob/master/ROADMAP.md

milestones for the next 3, 6 and 12 months)?		EADME.md
Does your website or documentation describe how your project is funded, and the period over which funding is guaranteed?	NO	
Do you make timely announcements of the deprecation of components, APIs, etc.?	NO	