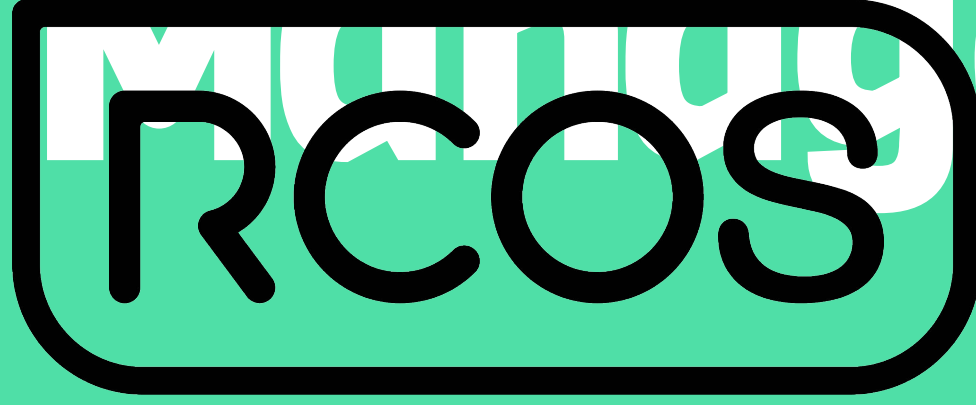


# SwiftHire: Simplified Job Searching, Posting, and Management



Sagar Sahu, Dhanush Ananthkar, Cole Augusta



## Introduction

“An innovative web application poised to transform the job application landscape”

- Easily look for/apply to trending and relevant job postings with an up-to-date list
- Take advantage of intelligent features like document management and resume optimizations
- Expand your network and post new jobs to meet potential employees and candidates based on your criteria

Technology Used:

Backend:

Node.js, Express.js, MongoDB

Frontend:

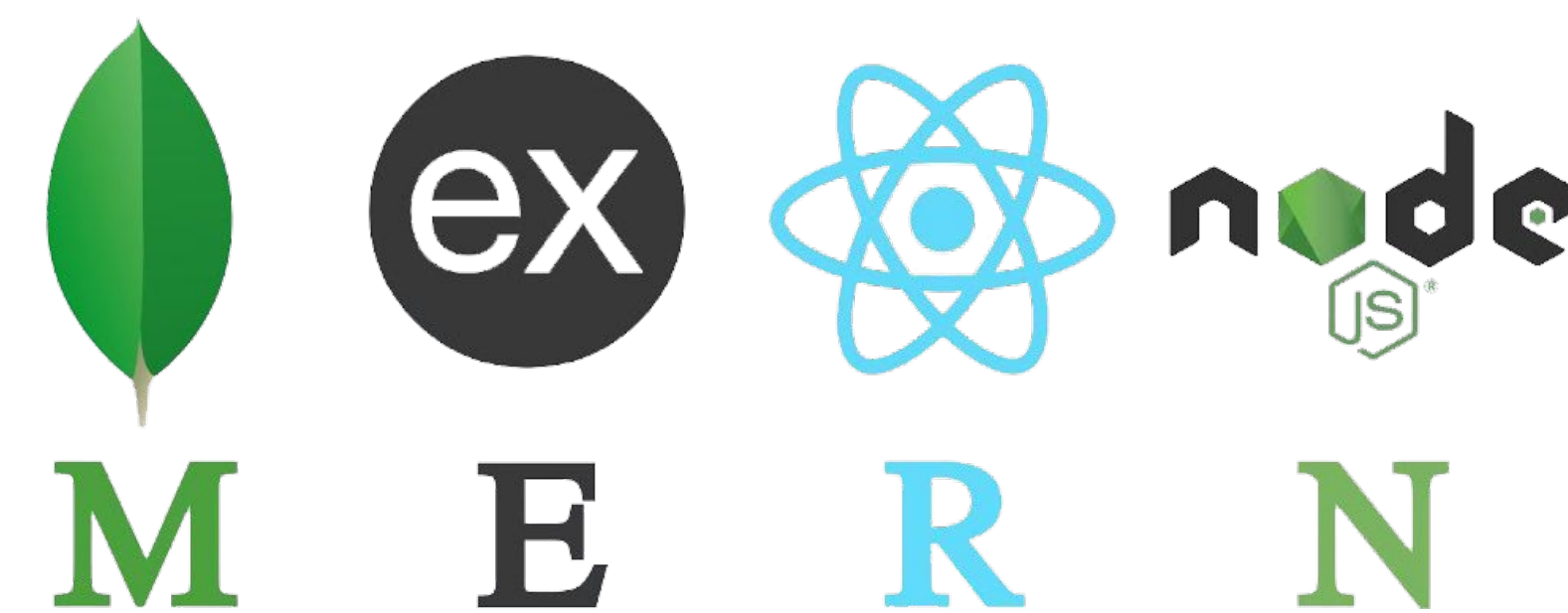
React.js



## Objectives

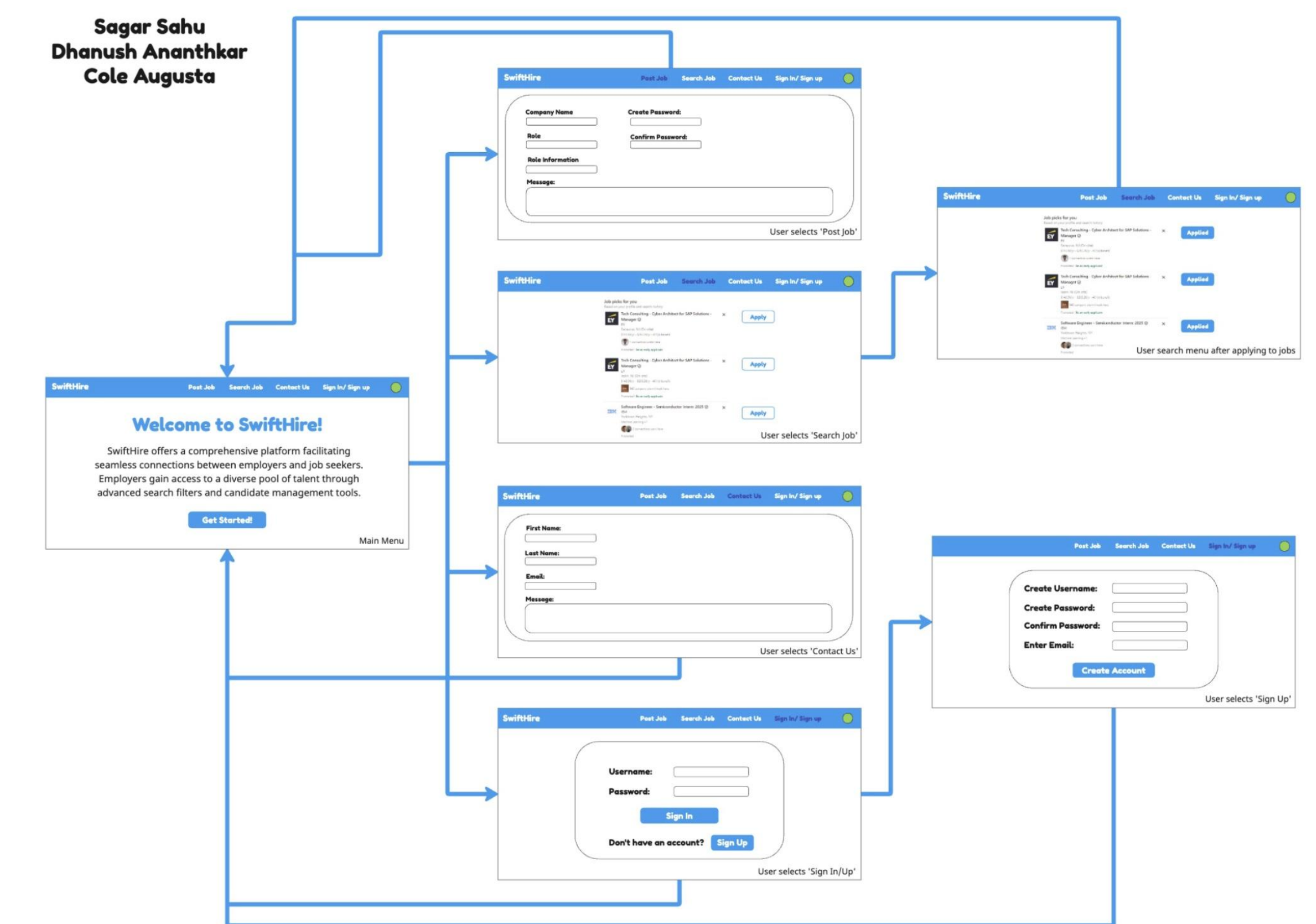
Our goals to develop SwiftHire, a user-friendly web application to simplify the job process:

- Design/code polished UI
- Single-click user management
- AI Resume/CV updating
- MERN stack implementation
- Functional, intuitive platform
- Accurately store job listings, applications, and employer information



## Methods

- Iterative development on individual (local) devices
- Create backend containing routes/models for the job data to be fetched
- Implement frontend app to display job searches, easy-to-use UI, and functional components



## Progress

We've made a lot of progress this semester. SwiftHire is currently active with our UI/resume review, and we are still working on more backend functionality. So far we:

- Finished/implemented AI resume review
- Designed simple frontend UI
- Tracks job posting information/employer information with MongoDB
- Researched the MERN stack: particularly React and Node

## Conclusions

From the work done this past semester, we:

- Learned how to manage states, handle router requests, and pass data between components
- Gained exposure to the MERN stack, a growing and powerful tool for web and system development

## Acknowledgements

Team Contribution:

- Dhanush Anathkar- Team Lead
- Sagar Sahu- Team Member
- Cole Augusta- Team Member

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- (and the rest of the RCOS faculty)

References:

- Islam, Nur. "The MERN Stack Tutorial." *LogRocket*, 29 Nov. 2023, [blog.logrocket.com/mern-stack-tutorial/](https://blog.logrocket.com/mern-stack-tutorial/).