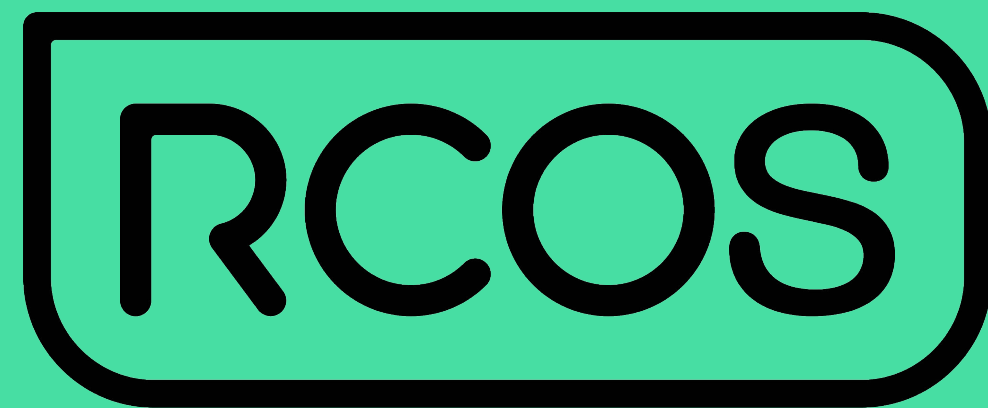


SwiftHire: Simplified Job Searching, Posting, and Management



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:

Frontend:

- React.js, HTML, CSS

Backend:

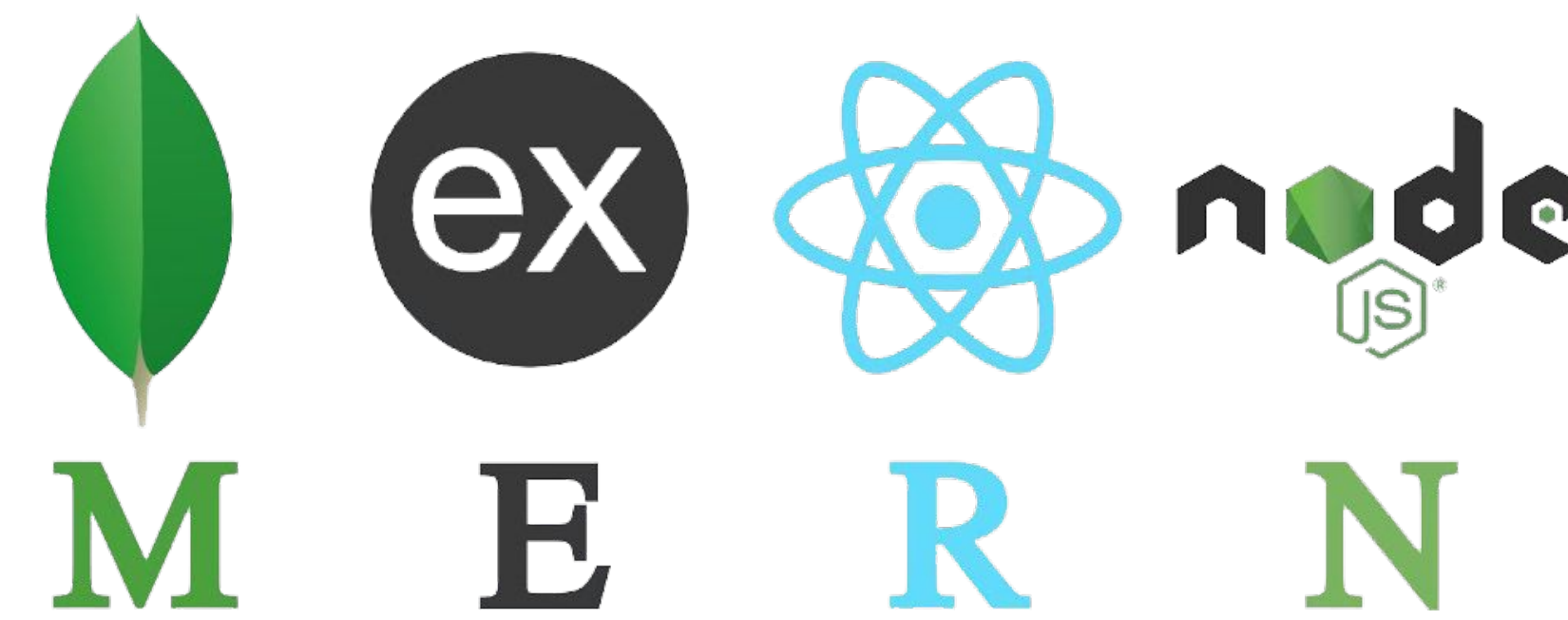
- Node.js, Express.js, MongoDB



Objectives

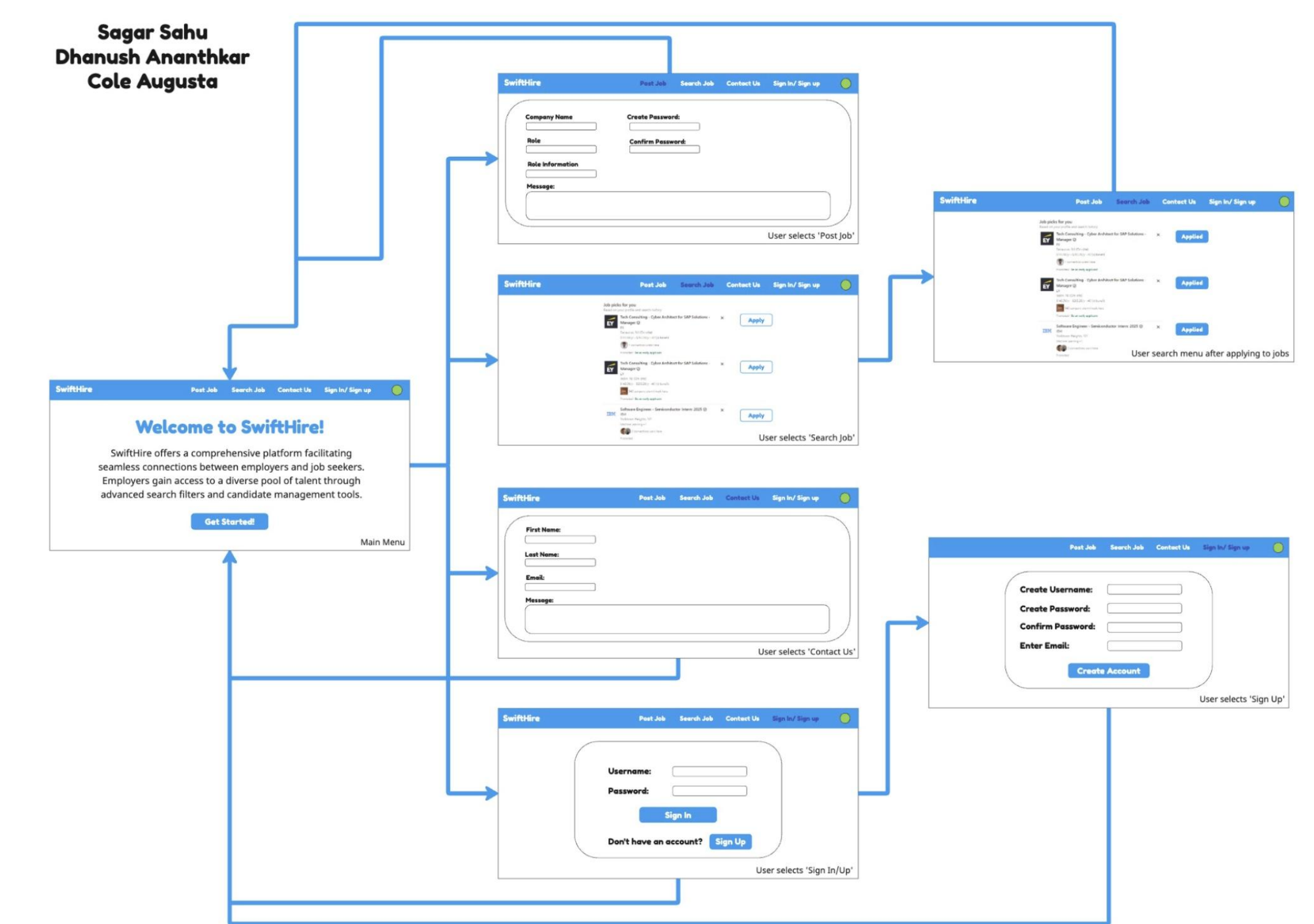
Our goals to develop SwiftHire, a user-friendly web application to simplify the job process:

- Design/code a polished UI
- Single-click user management
- AI Resume/CV updating
- MERN stack implementation
- Functional, intuitive platform
- Get job posting alerts and email notifications



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



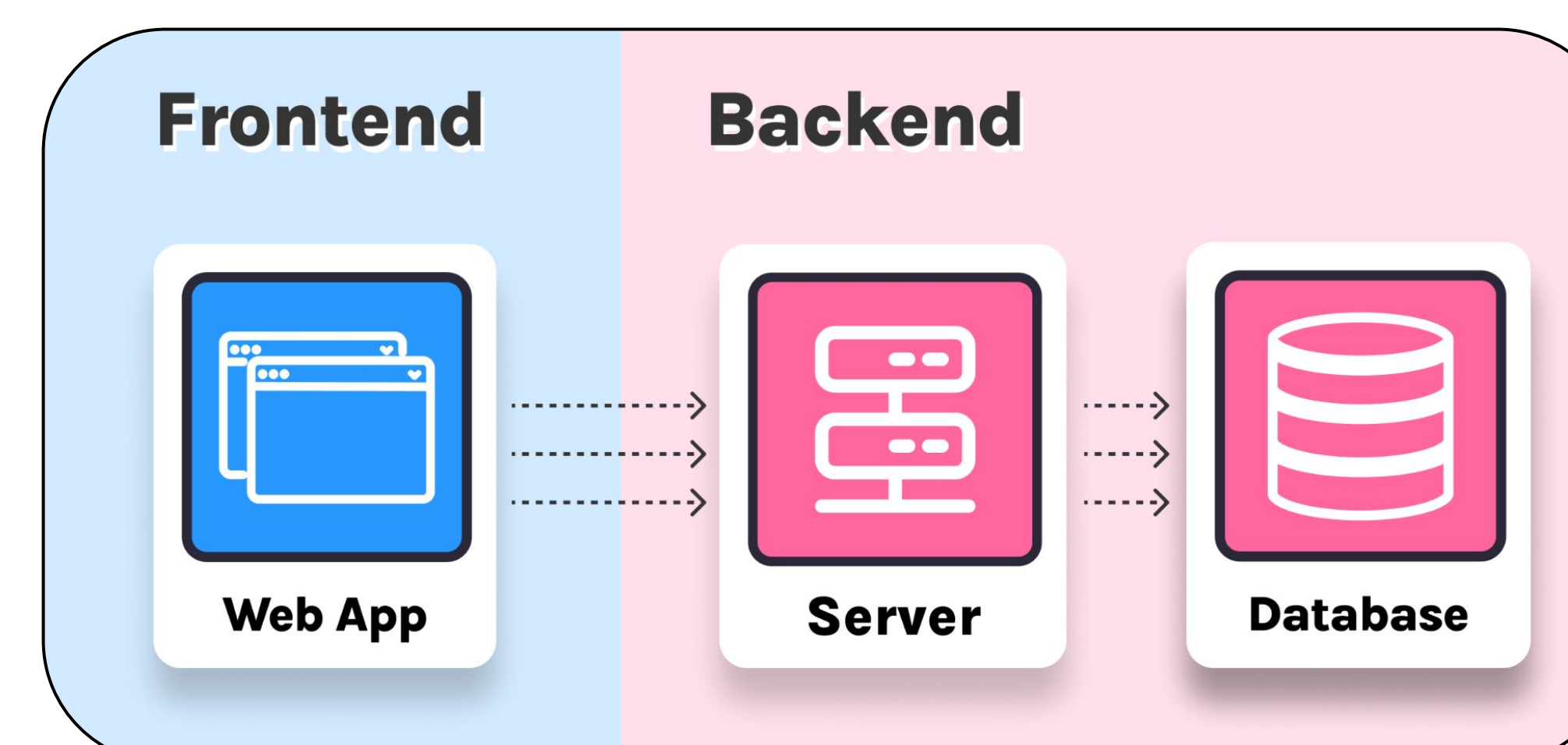
Progress

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 resume review features
- Designed simple frontend UI
- Tracks job posting information/employer information with MongoDB (in progress)
- Developed functionality, particularly in React, Express.js, and Node.js
- Learned how to manage states, handle router requests, and pass data between components
- Added search and notification options for users

Conclusions

- Gained exposure to MERN, a growing and powerful tool for web/system design
- Strengthened our full-stack skills and had the chance to provide hands-on work in both frontend/backend work and non-relational database management



Acknowledgements

Team Contributions:

- Dhanush Ananthkar- 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/.