

EE/CprE/SE 491 Bi-Weekly Report

1/26/2024 – 2/9/2024

Group number: SDMay24-05

Project title: ResumeUp

Client: Elmin Didic

Advisor: Simanta Mitra

Team Members/Role:

- Elmin Didic - Client | Project Manager | Developer
- Nick Thomas - Backend Developer | Database Developer
- Nedim Hodzic - Backend Developer | AI Infrastructure Engineer
- Nathan Boldt - Frontend Developer | AI Prompt Engineer
- Mitchell Talyat - Full Stack Developer | Database Developer
- Siddharthan Prakash - Full Stack Developer | Cloud Engineer
- Simanta Mitra - Advisor

○ **Weekly Summary**

- This week, we spent time preparing for development. We got together and discussed plans, re-iterated what technologies we are using, and discussed getting access to AWS for our hosting as well as database management. Another important thing we did was set up some development rules. This is to ensure only quality code can be put into the main branch. We also got together with our advisor, Professor Mitra. We were able to solidify our plans for the semester, and it was nice just to see him again after winter break.

○ **Past week accomplishments**

- This week, we got a huge jump into the preparation for development by creating a GitHub repository. This repository will be where all of our code goes for ResumeUp. In the development environment, we have set up issues for team members to tackle in a different branch for that issue. This makes it so we are not working in main and possibly ruining the site. We also have a Kanban board to help with our project management that includes cards similar to the GitHub

issues. Also did learnings on using some of the new technologies like TypeScript or AWS Amplify to help make the development process as smooth as possible.

○ **Pending issues**

- One pending issue we had up until the end of the week was not having access to AWS. This will be resolved shortly. Another is getting ChatGPT API tokens, which we are still trying to resolve.

○ **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Elmin Didic	Helped to create the team GitHub and Kanban Board as well as learning the technologies	1.5	2.5
Nick Thomas	Helped to create the team GitHub and Kanban Board and did more practice with the new technologies	1.5	2.5
Nedim Hodzic	Did some work on database connections with Amazon DynamoDB and got a better understanding of TypeScript	1.5	2.5
Nathan Boldt	Worked on some possible implementations of our frontend and worked more with React, trying to find possible component libraries	1.5	2.5
Mitchell Talyat	Got a better understanding of how to make backend calls to a database and send the results to the frontend for display	1.5	2.5
Siddharthan Prakash	Did some practice work with AWS and AWS Amplify to try and get a better understanding of how it will work with ResumeUp	1.5	2.5

○ **Comments and extended discussion**

No comments.

○ **Plans for the upcoming week**

- Elmin Didic: Continue researching AWS Amplify use and begin using it to create a shell of ResumeUp. Continue requesting access to AWS and ChatGPT tokens
- Nick Thomas: Begin work on ResumeUp's backend, setting up calls to the database once it is connected and parsing the data that is collected
- Nedim Hodzic: Set up the database for use by ResumeUp and begin implementing it into the project code for use in development
- Nathan Boldt: Begin development on various React components to be used in ResumeUp and see what components we can use a library for
- Mitchell Talyat: Assist in the development of the backend and frontend of ResumeUp helping to parse data and display it on a page
- Siddharthan Prakash: Continue working with AWS Amplify to develop parts of ResumeUp and to help set up hosting for the site

○ **Summary of weekly advisor meeting**

Kept him up to date with what we have done so far and what we plan to do next. Discussed getting access to AWS and ChatGPT tokens.