

Florida International University

Spring 2023 Senior Design Project

InternHub

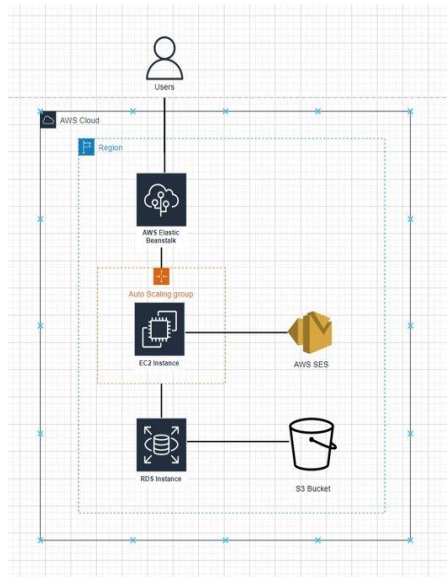
Students: Daniela Agueros, Michael Banegas, Elvís Blanco Gonzalez, John Gonzalez, Elijah Khazzouh

Instructor/Faculty: Dr. Masoud Sadjadi, Florida International University

PROBLEM

Getting an internship is vital for computer science students to develop their skills and be well prepared for the workforce. Our project idea is to leverage our knowledge of AWS to create a job board catered to computer science students, where they will be able to easily to find and apply for internships.

OBJECT DESIGN



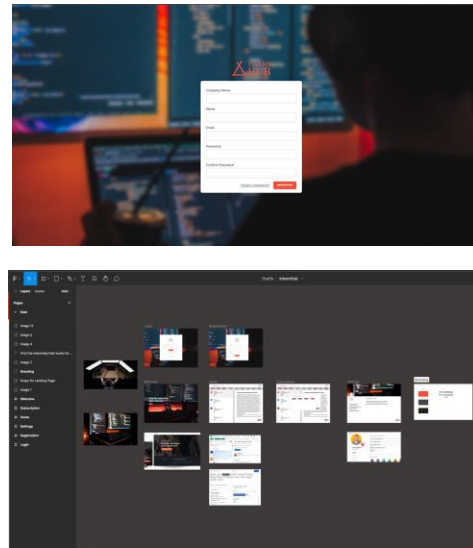
VERIFICATION

While coding our individual tasks, we tested locally on our computers. Once we pushed our changes to a separate branch on GitHub, they would be reviewed by the team before a pull-request to master was approved. When the project was complete and deployed to an EC2 instance, the team again tested to ensure everything functioned as expected.

CURRENT SYSTEM

Our current system is comprised of a login and register page, along with a forgot-password page. There is also a private opportunities page, where recruiters can post and edit listings. Students can access these listings through the public all-opportunities page. They can also utilize the filter and search features to sort and subscribe to receive daily emails on new listings.

SCREENSHOTS



SUMMARY

In conclusion, the designs of the login, register, and forgot-password page all align with the InternHub logo to create a cohesive experience. I also developed the base for the all-opportunities page. These all contribute to our goal of helping students land internships by improving user experience.

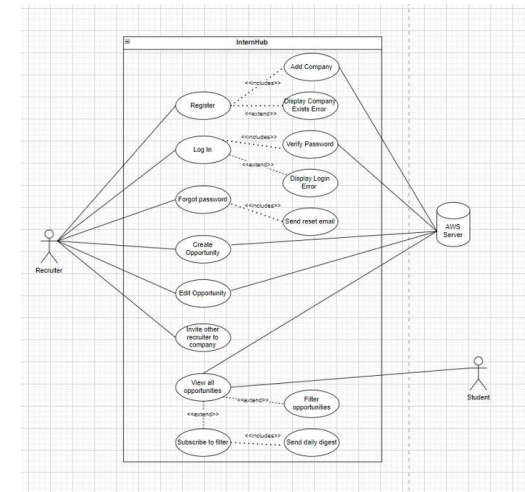
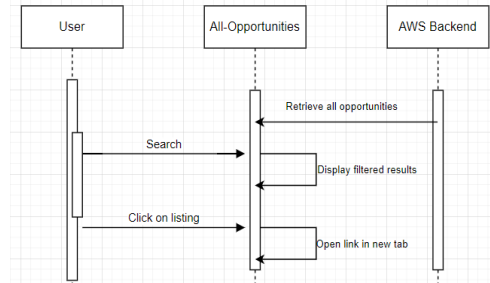
IMPLEMENTATION



REQUIREMENTS

My contributions focused on creating designs for the different pages and adding functionality to the all-opportunities page. This involved implementing a search feature, creating an opportunities table, adding an on-click feature, and setting up the routing.

SYSTEM DESIGN



ACKNOWLEDGEMENT

The material presented in this poster is based upon the work supported by Dr. Masoud Sadjadi. I thank Dr. Masoud Sadjadi for his assistance and mentorship that I received throughout the senior design project.