

Team 3 CSC 4350:  
Software Engineering  
Dr. Rao Casturi

Team Members:

1. Delorian Mateas
2. Vandale Callender
3. Jason Sim
4. Vraj Patel
5. Vikash Dholakia

Project Name: **Resume Builder**

Phase 1: ( Initial )

# **Project Description**

## **Introduction**

With technology advancing rapidly and new technical skills being in high demand , especially with an increase in remote work, the job market has become fierce. One of the most important things to have, that people forget rather than their programming skills, is having a clean and concise resume. Resumes play a huge role in applying for a job and can be a determining factor of whether an applicant is hired or not.

Our intention with this project is to help anyone pass the Applicant Tracking System (ATS). As stated before, with technology advancing so fast and a fierce job market, the last thing an applicant wants to do is rush a resume and submit it without the proper format and requirements. A resume consists of specific formats, key points, and keywords. The main goal is to specifically cater your resume to be appealing to the employer in order to be considered and ultimately hired for the position. Lack of proper format and requirements can greatly reduce an applicant's chances of being hired, which is why many times, applicants do not receive a phone call or an email back from the hiring company. Creating a resume can definitely be challenging and time consuming.

By building this software, we aim to help not only college students, but industry professionals easily and seemingly get a job by using our resume builder. This will also provide a convenient and new way to build your resume with ease, and rest assured that once you have used our resume builder, you're one step closer to getting your dream internship / job.

## **Technologies**

Client side is going to be using HTML GUI which will mainly consist of CSS, and Javascript. There are numerous other libraries that we will most likely implement that are advantageous in their own ways and will contribute to the final product in their own unique ways. One other library we would like to implement is JQuery which is a classic JavaScript library that's fast, light-weight, and feature-rich. It makes things simpler for HTML document manipulation and traversal ,event handling, and Ajax. Another library we would like to implement is Glimmer, which features lightweight and fast UI components. With web pages

being more responsive and dynamic along with boosting page speed, will ultimately lead to better user experience. As we go through the process of researching and experimenting, we will narrow it down to the most efficient technology that will best suit the code and end-goal.

## **Team-Bio Data**

**Delorian Mateas:** is a senior with an Associate's Degree in Science attending Georgia State University pursuing a Bachelor's Degree in Computer Science . He possesses moderate knowledge of Java, Python, C++, C, and HTML. He also possesses moderate knowledge of computer organization, system-level programming, computer networks, operating systems, and data structures. He has worked on numerous teams to develop projects such as a dispatcher/scheduler, packet sniffer, and web page. He currently works part-time on the Information Technology team as an Information Technologist Assistant responsible for installing, maintaining and repairing hardware & software components at Georgia Technology Research Institute for the Aerospace, Travel and Advanced Systems department. He is diligent, punctual, and an outstanding team player. He is extremely motivated and determined when it comes to ensuring clients and users are satisfied.

**Vandale Callender:** is a non-traditional senior CS student at GSU. I was a self taught developer who has been in the workforce since 2018 and recently came back to GSU to finish my undergrad in 2019 and would have been graduating this summer, but recently got a full time offer at my previous internship last summer and now will be graduating in the fall. My specialty is blockchain technology. Anything and everything related to blockchain using solidity / python / go as my primary language. My specialty is Systems Engineer / Data Engineering / DevOps. I dislike the front end, but can code it, but rather be a back end person. I am good at writing docs , CI/CD, great communication skills, and excited to work on this resume builder because I know how important it is to have a clean resume for entering the job market.

**Jason Sim:** is a senior computer science student at GSU. He has a decent experience of Java, HTML, CSS, Javascript, PHP, MySql. Currently, he is learning Python to add to his skillset. He also had exposure to C and C# during his studies. His work experience includes working in help desk and web development. At this moment, he is awaiting to start his internship as a DevOps intern for a nationwide furniture store company, and teaching assistantship for a coding bootcamp. When he isn't studying as a student, he is a father and avid brazilian jiu-jitsu

enthusiast. His professional goal is to work in Cloud Computing or Devops, and also has interests in Frontend and Data.

**Vraj Patel:** is a senior CS student at GSU. He also has an Associate Degree in Business Management, and he graduated in May 2018 with an Associate, and now he's working with a Bachelor's Degree in Computer Science. He has experience in Java, Javascript, HTML, CSS, PHP, and SQL. He's learning new programming languages such as Python, Perl, and Swift to gain more abilities. At this time, he's currently looking for an internship as an SWE. He has more core skills such as problem-solving, communication skills, and motivated enthusiasm. He is good at front-end developers and looking to work with NCR in the future. Right now, he is very excited to work in a group to make a resume builder because, as we all know, this type of project requires more knowledge. This resume builder will help people have better resumes to get into the job.

**Vikash Dholakia:** is a senior Computer Science student at Georgia State University. Member 5 has roughly four years worth of experience in programming languages like Java, C, C#, C++, HTML, Ruby, Scala, and Python. He is also certified by Amazon Web Services for Cloud Practitioner & Solutions Architect. He had an internship where he had to work on user interfaces with Scala. He has also achieved another internship in the fall and will also be graduating then. He would like to learn the programming and coding aspects as well as the software development aspects of what is to be required of a full stack developer. He is an avid gamer and built his own gaming PC from scratch. He also likes outdoor sports such as baseball and soccer.

### **Why did we pick this project?**

We selected this project because we believe that without a proper resume, regardless if an applicant went to a well known university or is an amazing developer, it is unlikely to be considered for a job and ultimately hired. Therefore, we want to develop a resume builder that an applicant can access to enhance their education, knowledge, and experience to increase their chances of being hired for their applied position. We also believe that using this template will help replicate future resumes to cater to future employers or even as a template / screening process when becoming the manager or the owner of a company.