



UNIVERSIDAD  
POLITÉCNICA  
P U E R T O R I C O

Coral S. Schmidt Montilla #148830

Eddie M. Santiago Malavé #116933

Taishali N. Jimenez Quiñones #148017

Lennox Rivera #140874

Mayor in Computer Science & Computer Engineering

Software Engineering

CECS 4204-87

# Resume Builder

## Introduction

Resume builder is an app that makes building a resume easy, efficient, and quick, giving even the most inexperienced users the opportunity to create a successful resume. The idea is to help users create a personalized resume by first asking about their education level and the job they're applying for. Once the job is selected, the app will display the necessary fields to produce a complete resume. Each field will also provide information that explains why the field is required to not only allow the user to create a resume, but also to learn from it. After filling in all the information, the user will have a collection of templates to pick from that are commonly used within the job that they have selected. Then, with just one click, they can download their completed resume in a PDF format. This app makes the whole resume-building process really simple, breaking it down into three steps while simultaneously teaching users what goes into a strong resume. It's an easy way to get a professional resume without too much stress.

## Approach

Many people struggle with creating a professional resume due to a lack of knowledge or difficulty in adapting it for specific careers. To address this, we will develop a website that simplifies the resume-building process for users, regardless of their experience. This site will guide users' step by step, allowing them to create a personalized career-focused resume that highlights their expertise. By automating the technical aspects and breaking the process into doable steps, this solution will make the resume creation process accessible, effortless, and efficient which will allow the user to focus on what truly matters, showcasing their skills and qualifications.

## Objectives

### General

- Provide users a simple to use website to create different kinds of resumes that adapt to the person's needs.
- Have the website be intuitive and easy to use, as well as having helper messages
- Have many different options for all sorts of websites different people with different background, education and experience might need
- Include many different templates, designs, and forms suitable for all needs
- Include the different extras that everyone will appreciate, like 'save and complete later' or 'download as PDF'

### Specific

- Create a dynamic form that adapts based on the selected template, asking relevant questions for different job roles or internships.
- Include mandatory fields (e.g., name, contact information, job experience) and optional sections (e.g., skills, certifications) based on the chosen template.
- After users complete the questionnaire, auto-populate the selected template with the provided information, ensuring proper alignment and formatting based on the template's design.
- Ensure that any section not filled in (optional fields) is hidden in the final PDF to maintain a clean look.
- Allow users to preview their resume before finalizing.