



Project Report

Project Title: Online Resume Builder

UE20CS352 – Object-oriented Analysis and Design with Java

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FACULTY OF ENGINEERING

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Problem Statement

Online resume builder using Spring Boot Java is to create a web-based application that allows users to easily create and customize their resumes. The application has a user-friendly interface that guides the user through the resume creation process.

The user can save their progress and resume their work at a later time. Online resume builders also often integrate with job search websites and social media platforms, allowing users to easily share their resumes and apply for jobs. These tools are popular among job seekers as they provide an efficient and convenient way to create a polished resume.

Synopsis

An online resume builder is a software application that enables users to create and customize their resumes online. It provides an intuitive and user-friendly interface that guides users through the resume creation process, allowing them to choose from a range of pre-designed templates and formatting options. Users can input their information, work history, skills, and achievements into the online tool, and the application will help them to organize and format their resume in a professional and visually appealing way.

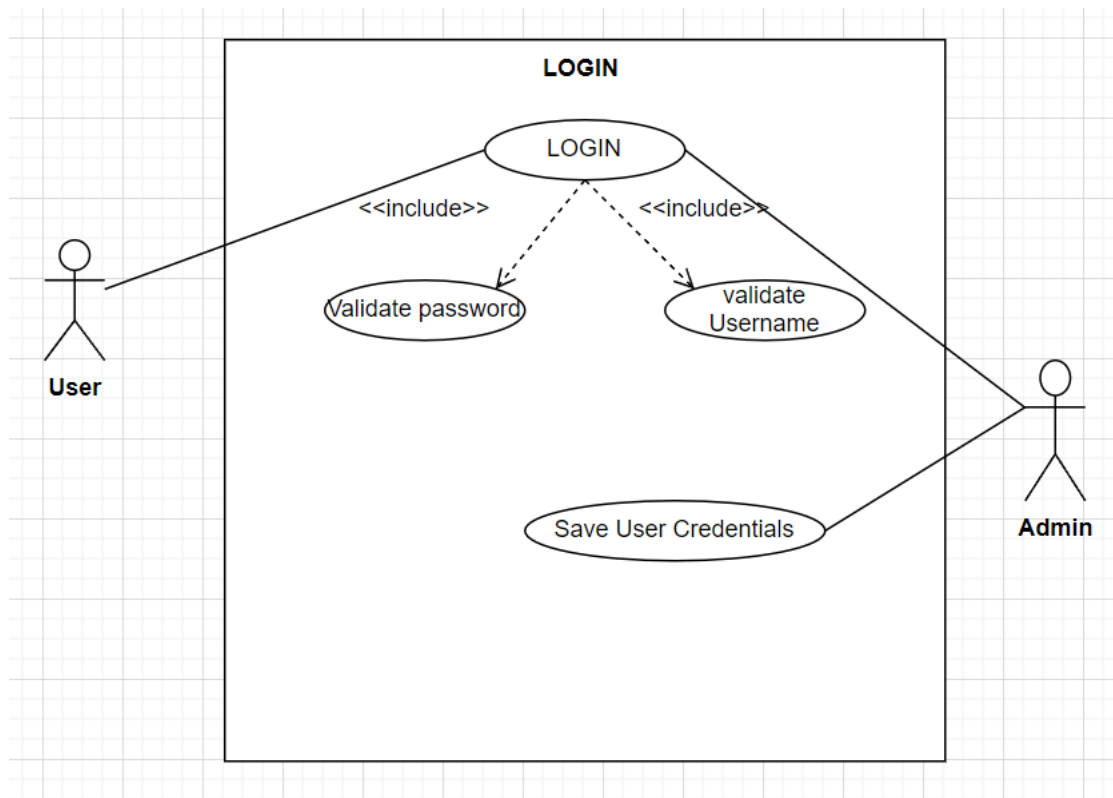
Online resume builders are useful for job seekers who want to create a polished and effective resume quickly and easily. These tools eliminate the need for users to have graphic design or formatting skills, as the application takes care of these aspects. They also provide a cost-effective alternative to hiring a professional resume writer.

Moreover, online resume builders often integrate with job search websites and social media platforms, making it easy for users to share their resumes and apply for jobs.

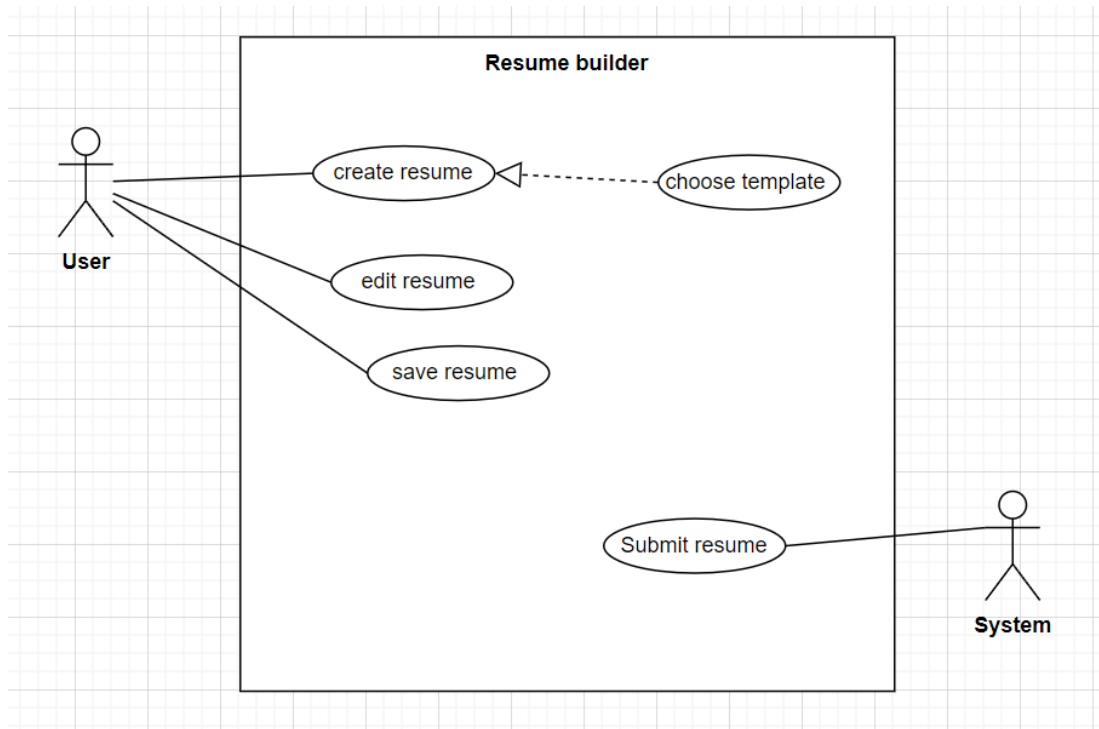
Use Case and Class models

Use Case Diagram:

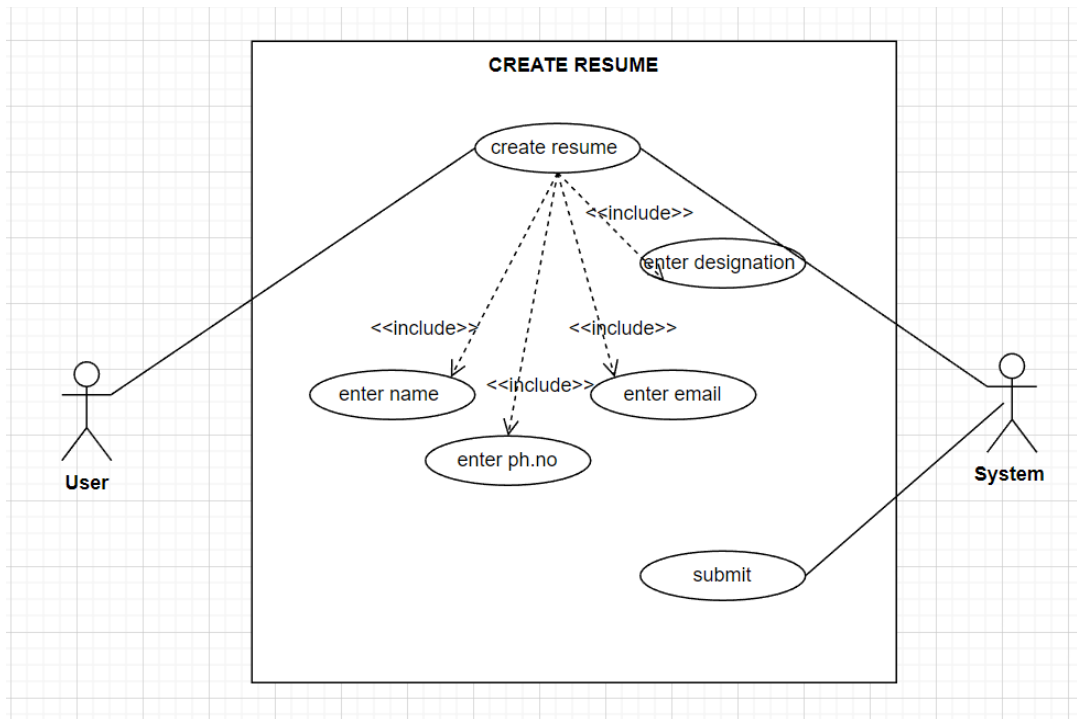
Login



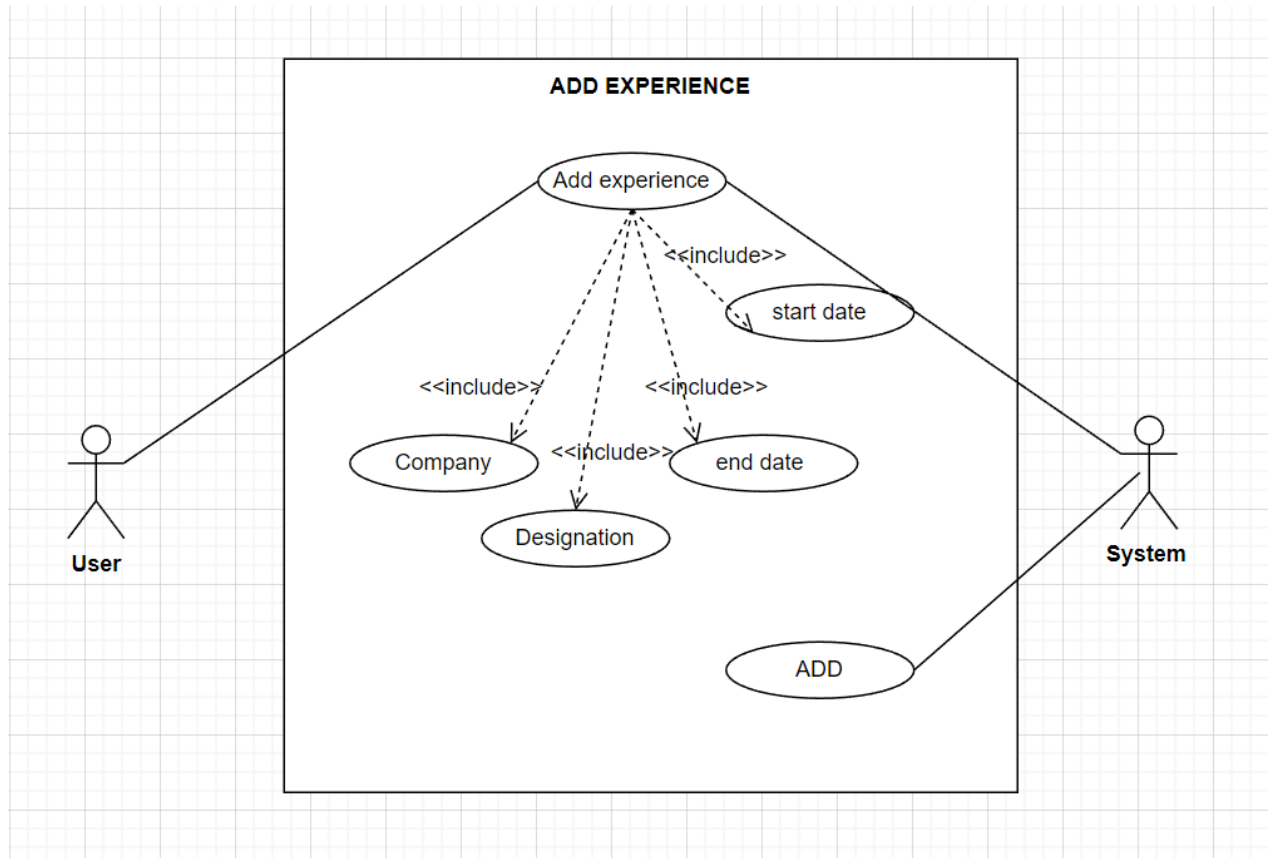
RESUME BUIDER



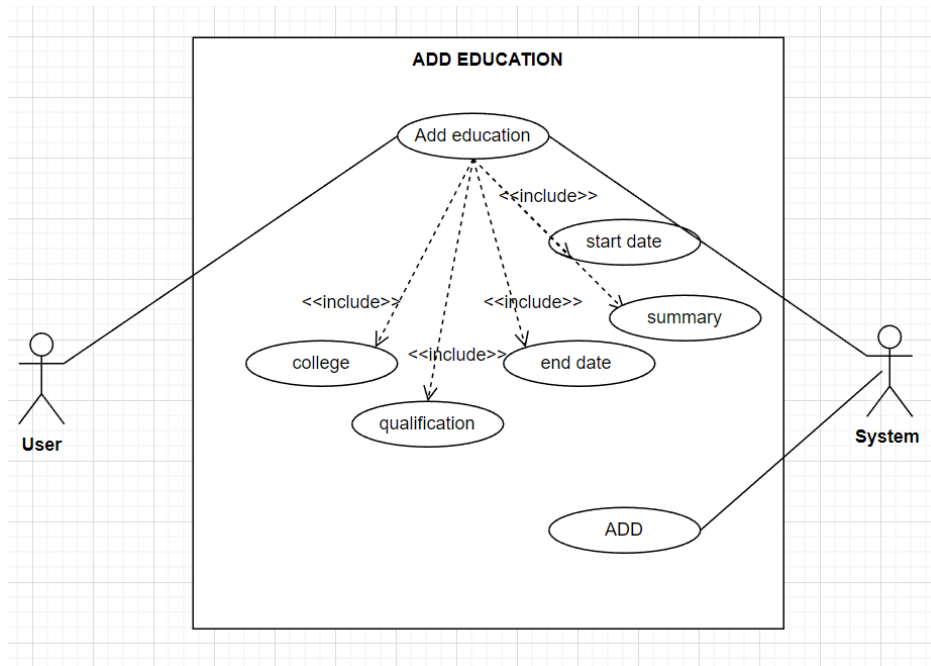
ADDING DETAILS TO RESUME:-



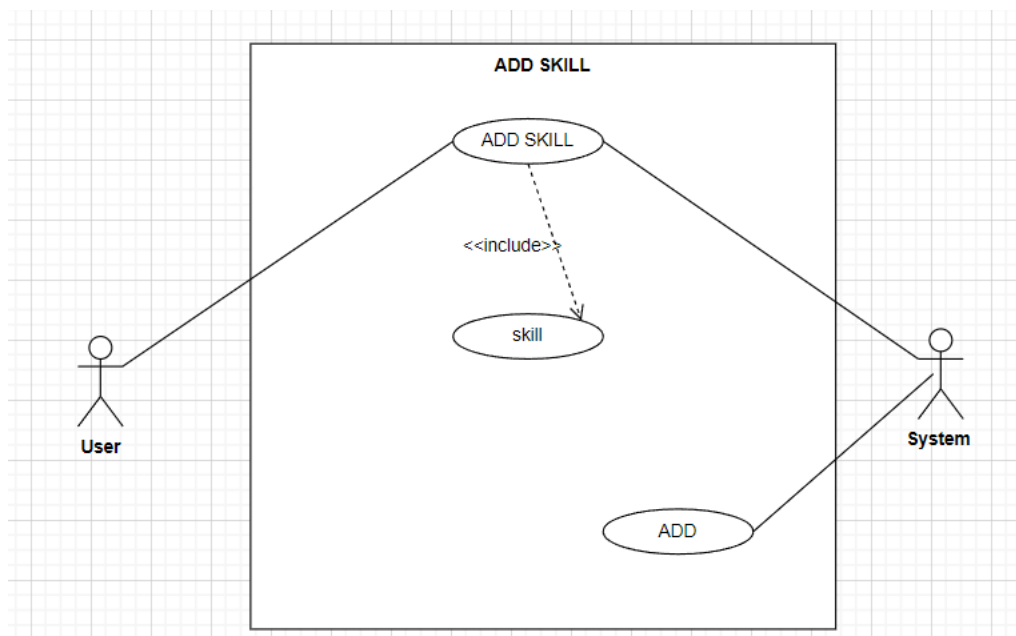
ADD EXPERIENCE:-



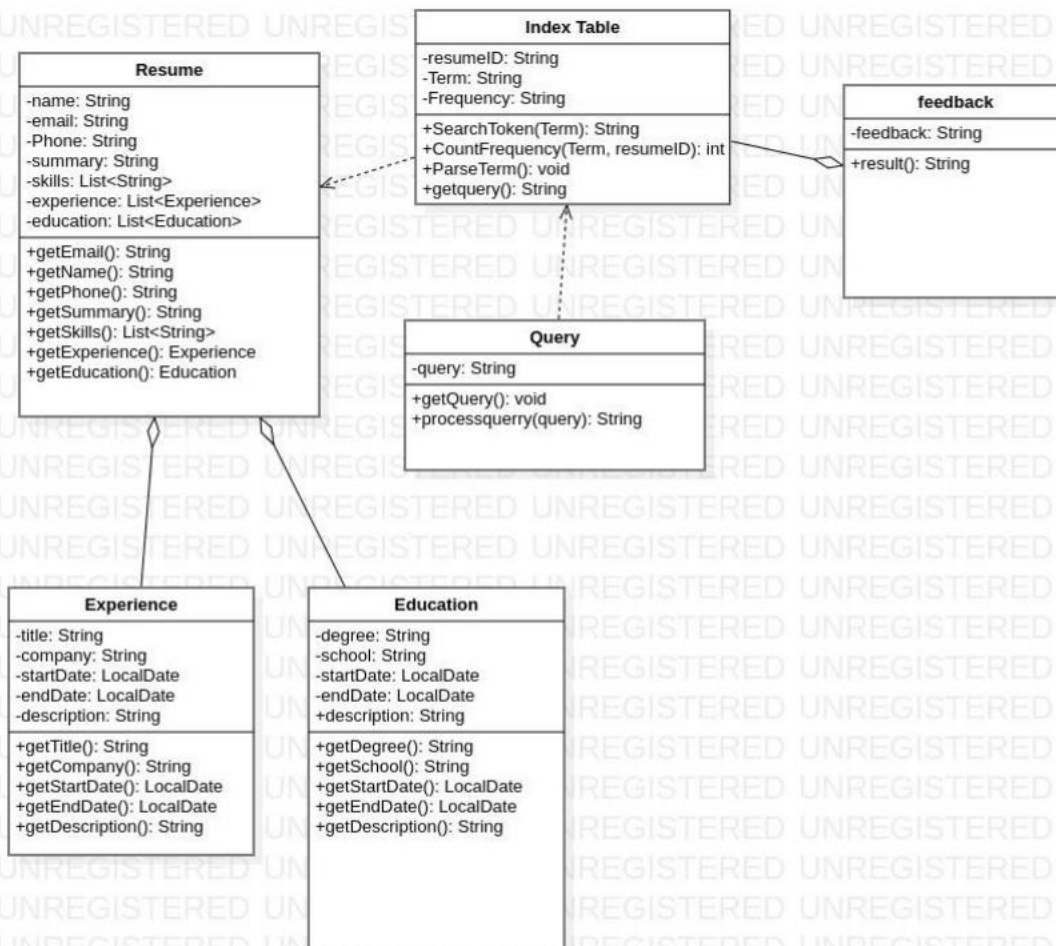
ADD EDUCATION :-



ADD SKILL:-



Class Diagram:



Architecture Patterns, Design Principles and Design Patterns used

- **Spring Boot** is a popular Java-based framework for building web applications. It is built on top of the Spring framework and provides a simplified approach to building web applications. Some of the common architecture patterns used in Spring Boot applications include:

- **Model-View-Controller (MVC) pattern:** This pattern is used to separate the application into three interconnected components: the model (data), the view (user interface), and the controller (handles user input).
- **Microservices architecture:** This pattern is used to build large, complex applications as a collection of small, independent services that communicate with each other through APIs.
- **Event-driven architecture:** This pattern is used to build applications that respond to events or messages, rather than relying on a traditional request-response model

Design principles :-

Single Responsibility Principle (SRP): This principle states that a class should have only one reason to change. In other words, each class should have only one responsibility, and if there is a need for additional functionality, a new class should be created instead of modifying the existing class.

Dependency Inversion Principle (DIP): This principle states that high-level modules should not depend on low-level modules; instead, they should depend on abstractions. In other words, a class should depend on abstractions rather than concrete implementations.

Liskov Substitution Principle (LSP): This principle states that objects of a superclass should be replaceable with objects of a subclass without affecting the correctness of the program. In other words, a subclass should be able to replace its parent class without breaking the program.

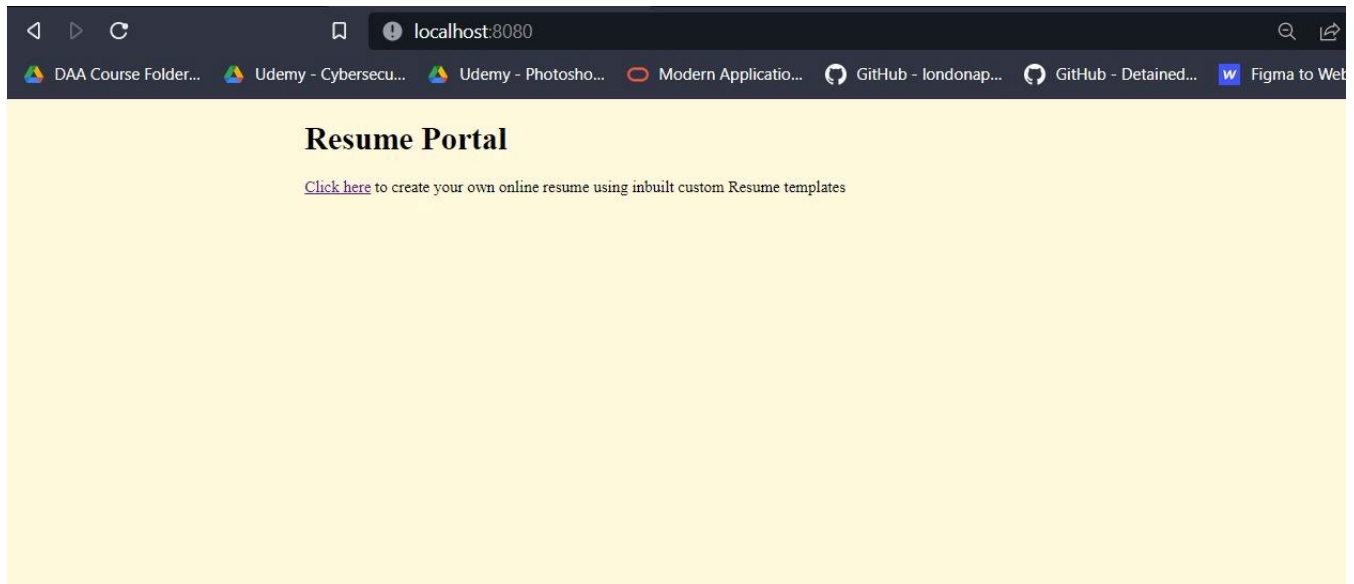
Github link to the codebase:

<https://github.com/bhanushekhar/OOAD-Project.git>

Individual contributions of team members

- Appini Akhil : Login ,css , Edit section.
- Deeraj KN : Adding details to resume , Delete section .
- Bhanu Shekhar V : Add experience , Add education .
- Basavaraj N : Add Skill , Theme .

Screenshots of the GUI



Login page:-

localhost:3080/login

Please sign in

Username

Password

Sign in

Adding details to resume :-

Enter Details For Profile

Select your profile theme Theme 2 ▼

First Name

Last Name

Email

Phone

Designation

Summary

Add experience :-

Experience

Company	Designation	Start Date	End Date	Current Job?
		dd-mm-yyyy	dd-mm-yyyy	<input type="checkbox"/>

[Add job](#) [Delete](#)

Add education :-

Education

College	Qualification	Start Date	End Date	Summary	
<input type="text"/>	<input type="text"/>	<input type="text" value="dd-mm-yyyy"/> <input type="button" value="📅"/>	<input type="text" value="dd-mm-yyyy"/> <input type="button" value="📅"/>	<input type="text"/>	Delete

[Add Education](#)

Add skill:-

Skills

[Delete](#)

[Add Skill](#)

Output:-

AKHIL APPINI

APP DEVELOPER

appiniakhil01@gmail.com

7569891286

Profile

sdfghjklm,;xfgcbmn,./xdfgbcjmn,rgfcbm,rgfchbjlgvjhdsjhbvhjvbv

Skills

Flutter Developer

Experience

Amazon

Software Developer

Apr 2023- Present

Education

PES UNIVERSITY

BTECH

EDFGHSDFGHGVGHVB

[Edit](#)

