

# **RESUME MAKER**

Project submitted to the  
SRM University – AP, Andhra Pradesh  
for the partial fulfillment of the requirements to award the degree of

**Bachelor of Technology/Master of Technology**

In

**Computer Science and Engineering**

**School of Engineering and Sciences**

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Under the Guidance of  
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**Andhra Pradesh – 522 240**

**[12/2022]**

# Certificate

Date: 14 December 2022

This is to certify that the work present in this Project entitled “**Resume Maker**” has been carried out by **Akash Meruva, Ayyappa Kandula, Anwar Shai and Amith Chandra** under my/our supervision. The work is genuine, original, and suitable for submission to the SRM University – AP for the award of Bachelor of Technology/Master of Technology in **School of Engineering and Sciences**.

## Supervisor

(Signature)

Prof. / Dr. [Name]

Designation,

Affiliation.

## Co-supervisor

(Signature)

Prof. / Dr. [Name]

Designation,

Affiliation.

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## **Abstract**

Resume Maker is a software developed in python which is used to create resume from valid inputs inside the python terminal. The Program outputs the resume as a pdf as it will be helpful for students. The program takes various inputs from the user like name, work experience, education details and many more. Then it prints out all details in a structured manner to make a good resume.

# **1. Introduction**

Resume Maker is a software that is used to create resumes from different valid inputs given by the user. This software makes the resume in real-time by printing the valid details on the resume using the fpdf library in python. This software can be easily used, as it is simple to use and also the instructions given to input the data are clear and apt.

## **1.1 Why do we need this ?**

### **1.1.1 Easy to use**

This software is designed in a such a way that it can be used very easily, even by schoool students. Also it is designed in a way such that all kind of people can use this software.

### **1.1.2 Faster**

It produces the resume in fraction of seconds after we input the data.

### **1.1.3 Productive**

This resume can be used by students, employees as it contains different sections for all purposes.

### **1.1.4 Colourful**

The output resume is in the perfect format and good looking which is accepted by many companies.

## 2. Methodology

This project is implemented in the following ways. This project uses the fpdf library to output objects on pdf. It also uses the color library from turtle for outputting different colors on the pdf. All inputs are taken inside the project using different statements. Then different functions inside the fpdf library are used to output different set of data on the pdf :-

- FPDF() - to create a pdf.
- pdf.image() - to print an image on the pdf.
- pdf.cell() - to create a cell on the pdf.
- pdf.set\_text\_color() - to set the text color
- pdf.set\_font() - to set the font of the text pdf.
- set\_x() and pdf.set\_y() - to set the x and y co-ordinates.
- pdf.multi\_cell() - to output multiple cells on pdf.

### 3. Discussion

#### Code :

```
# Resume Builder in Python
from turtle import color
from fpdf import FPDF

name = input("Enter name :-")
address = input("Enter your city :-")
phone = input("Enter your phone number :- ")
emailaddress = input("Enter your email adress :- ")
linkedin = input("Enter your linkedin username :- ")

skills = []
print("Enter all your skills line by line, enter 0 to break :- ")
while True:
    ele = input()
    if ele == '0' or ele == 0 :
        break
    skills.append(ele)

outputskills = " "
for i in range(0 , len(skills)-1):
    outputskills += (skills[i] + ", ")
outputskills += (skills[len(skills)-1] + ". ")

edeno = int(input(("Enter the number of courses you completed or completing :- ")))
InstName = []
CourseName = []
eduStartDate = []
eduEndDate = []
Score = []

for i in range(1 , edeno+1):
    print("Enter the details of course" , i )
    ede1 = input("Enter the name of the institution :-")
    ede2 = input("Enter the name of the course :-")
```

```

ede3 = input("Enter the score of this course :-")
ede4 = input("Enter the start date of this course (mm/yyyy) :-")
ede5 = input("Enter the end date of this course (mm/yyyy) (enter 'p' if you are
currently pursuing this course) :-")

if ede5 == "p":
    ede5 = "present"

InstName.append(ede1)
CourseName.append(ede2)
Score.append(ede3)
eduStartDate.append(ede4)
eduEndDate.append(ede5)
print("\n\n")

prono = int(input(("Enter the number of projects :-")))
ProName = []
ProjectDescption = []
proStartDate = []
proEndDate = []

for i in range(1 , prono+1):
    print("Enter the details of project" , i )
    pro1 = input("Enter the name of the project :-")
    pro2 = input("Enter the descption of the project :-")
    pro3 = input("Enter the start date of this project (mm/yyyy) :-")
    pro4 = input("Enter the end date of this project (mm/yyyy) (enter 'p' if you are
currently doing this project) :-")
    if pro4 == "p":
        pro4 = "present"
    ProName.append(pro1)
    ProjectDescption.append(pro2)
    proStartDate.append(pro3)
    proEndDate.append(pro4)
    print("\n\n")

workno = int(input(("Enter the number of firms you have worked in :- ")))
companyName = []
workDescption = []

```



```

compStartDate = []
compEndDate = []
role = []

for i in range(1, workno+1):
    print("Enter the details of work experience" , i )
    we1 = input("Enter the name of the firm :-")
    we2 = input("Enter the name of your role in the company :-")
    we3 = input("Enter the details of your work experience :-")
    we4 = input("Enter the start date (mm/yyyy) :-")
    we5 = input("Enter the end date (mm/yyyy) (enter 'p' if you are currently working in
this firm) :-")
    if we5 == "p":
        we5 = "present"
    companyName.append(we1)
    role.append(we2)
    workDescription.append(we3)
    compStartDate.append(we4)
    compEndDate.append(we5)
    print("\n\n")

accomplishments = []
print("Enter your accomplishments and achievements line by line, enter 0 to break :- ")
while True:
    ele = input()
    if ele == '0' or ele == 0 :
        break
    accomplishments.append(ele)

intrests = []
print("Enter your intrests line by line, enter 0 to break :- ")
while True:
    ele = input()
    if ele == '0' or ele == 0 :
        break
    intrests.append(ele)

outputintrests = " "
for i in range(0 , len(intrests)-1):

```

```

    outputintrests += (intrests[i] + ", ")
outputintrests += (intrests[len(intrests)-1] + ". ")

pdf = FPDF()
pdf.add_page()
pdf.image('E:\\Akash\\Coding\\PythonProgramming\\face.png',h=25, w=25 , x=14 , y= 2)
pdf.image('E:\\Akash\\Coding\\PythonProgramming\\line.png', 100, 4, 12)

pdf.set_x(110)
pdf.set_text_color(0,0,0)
pdf.set_font("Arial", size = 13)
pdf.cell(20, 5, txt = phone,ln = 2, align = 'S')
pdf.cell(20, 5, txt = emailaddress,ln = 3, align = 'S')
pdf.cell(20, 5, txt = linkedin,ln = 4, align = 'S')
pdf.cell(20, 5, txt = address,ln = 5, align = 'S')

pdf.set_text_color(0,0,0)
pdf.set_font("Arial", 'B' , size = 17)
pdf.set_y(30)
pdf.cell(10, 5, txt = name,ln = 6, align = 'S')

pdf.set_text_color(60, 121, 235)
pdf.set_y(35)
pdf.set_font("Times", size = 22)
pdf.cell(10, 15, "Skills",ln = 7, align = 'S')

pdf.set_text_color(0,0,0)
pdf.set_font("Arial", size = 15)
pdf.cell(10, 2, txt = outputskills,ln = 8, align = 'S')

if edeno>0:
    pdf.set_text_color(60, 121, 235)
    pdf.set_y(56)
    pdf.set_font("Times", size = 22)
    pdf.cell(10, 10, "Education",ln = 9, align = 'S')

for i in range(0 , edeno):
    pdf.set_text_color(0,0,0)
    pdf.set_font("Arial" , size = 13)

```

```

x = InstName[i]
x.strip()
for j in range(0 , 35-len(x)):
    x += " "

x += '- ' + CourseName[i]
pdf.cell(30, 5, txt = x.upper(),ln = 9+i , align = 'S')
pdf.set_text_color(143, 143, 143)
pdf.set_font("Arial" , size = 10)
y = eduStartDate[i] + ' - ' + eduEndDate[i] + "
Score[i]
pdf.cell(30, 5, txt = y,ln = 10+i , align = 'S')

if prono>0:
pdf.set_text_color(60, 121, 235)
pdf.set_font("Times", size = 22)
pdf.cell(10, 13, "Projects",ln = 12+edeno, align = 'S')

for i1 in range(0 , prono):
pdf.set_text_color(0,0,0)
pdf.set_font("Arial", 'B' , size = 15)
x = ProName[i1]
pdf.cell(10, 5, txt =x ,ln = 13+edeno+i1 , align = 'S')
y = eduStartDate[i1] + ' - ' + eduEndDate[i1]
pdf.set_text_color(143, 143, 143)
pdf.set_font("Arial" , size = 10)
pdf.cell(10, 5, txt =y ,ln = 14+edeno+i1 , align = 'S')
pdf.set_text_color(0,0,0)
pdf.set_font("Arial" , size = 11)
pdf.multi_cell(190 , 5 , ProjectDescruption[i1])

if workno>0 :
pdf.set_text_color(60, 121, 235)
pdf.set_font("Times", size = 22)
pdf.cell(10, 13, "Work Experience",ln = 12+edeno, align = 'S')

for i2 in range(0 , workno):
pdf.set_text_color(0,0,0)
pdf.set_font("Arial" , 'B' , size = 15)

```

```

x = role[i2]
x.strip()
for j in range(0 , 35-len(x)):
    x += " "
x += '- ' + companyName[i2]
pdf.cell(30, 5, txt = x,ln = 9+i2 , align = 'S')
pdf.set_text_color(143, 143, 143)
pdf.set_font("Arial" , size = 10)
y = compStartDate[i2] + ' - ' + compEndDate[i2]
pdf.cell(30, 5, txt = y,ln = 9+i2 , align = 'S')
pdf.set_text_color(0,0,0)
pdf.set_font("Arial" , size = 12)
pdf.multi_cell(190 , 5 , workDescription[i2])
pdf.cell(30 , 2 , " " , ln = 9+i2 , align = 'S' )

if len(accomplishments)>0 :
    pdf.set_text_color(60, 121, 235)
    pdf.set_font("Times", size = 22)
    pdf.cell(10, 13, "Achievements and Accomplishments",ln = 7, align = 'S')

    pdf.set_text_color(0,0,0)
    pdf.set_font("Arial", size = 12)
    for l in range(0 , len(accomplishments)):
        o = "~ " + accomplishments[l]
        pdf.multi_cell(190, 5, txt = o, align = 'S')

if len(intrests) > 0:
    pdf.set_text_color(60, 121, 235)
    pdf.set_font("Times", size = 22)
    pdf.cell(10, 10, "Intrests",ln = 7, align = 'S')

    pdf.set_text_color(0,0,0)
    pdf.set_font("Arial", size = 12)
    pdf.multi_cell(190, 5, txt = outputintrests, align = 'S')

pdf.output("E:\\Akash\\Coding\\PythonProgramming\\MyResume.pdf")

```

# Input :

```
Enter the details of course 3
Enter the name of the institution :-Sri Chaitanya School
Enter the name of the course :-State Board
Enter the score of this course :-9.5
Enter the start date of this course (mm/yyyy) :-07/2018
Enter the end date of this course (mm/yyyy) (enter 'p' if you are currently pursuing this course) :-07/2019

Enter the number of projects :-2
Enter the details of project 1
Enter the name of the project :-Scrollo App
Enter the description of the project :-An App where th user can get daily news, memes, and also short videos in one place, which can be shared with their fri
ends.
Enter the start date of this project (mm/yyyy) :-05/2022
Enter the end date of this project (mm/yyyy) (enter 'p' if you are currently doing this project) :-06/2022

Enter the details of project 2
Enter the name of the project :-Status Saver App
Enter the description of the project :-An App where th user can get daily news, memes, and also short videos in one place, which can be shared with their fri
ends.
Enter the start date of this project (mm/yyyy) :-06/2022
Enter the end date of this project (mm/yyyy) (enter 'p' if you are currently doing this project) :-07/2022



Enter name :-Ayyapa Kandula
Enter your city :-Vijayawada
Enter your phone number :- +91 7396933969
Enter your email adress :- ayyappa.kandula@gmail.com
Enter your linkedin username :- @Ayyappa Kandula
Enter all your skills line by line, enter 0 to break :-
C
C++
Kotlin
Firebase
0
Enter the number of courses you completed or completing :- 3
Enter the details of course 1
Enter the name of the institution :-SRM AP
Enter the name of the course :-C.S.E
Enter the score of this course :-8.2
Enter the start date of this course (mm/yyyy) :-07/2021
Enter the end date of this course (mm/yyyy) (enter 'p' if you are currently pursuing this course) :-p


Enter the details of course 2
Enter the name of the institution :-Sri Chaitanya Junior College
Enter the name of the course :-M.P.C
Enter the score of this course :-92.6%
Enter the start date of this course (mm/yyyy) :-08/2019
Enter the end date of this course (mm/yyyy) (enter 'p' if you are currently pursuing this course) :-08/2021

Enter the number of firms you have worked in :- 1
Enter the details of work experience 1
Enter the name of the firm :-Arema Technologies
Enter the name of your role in the company :-Android Developer Intern
Enter the details of your work experience :-Developed 2 apps, named 'Loan Express' and 'CommonSurvey' in Android using Kotlin as back-end language, XML forde
signing, and Firebase as a Database.
Enter the start date (mm/yyyy) :-05/2022
Enter the end date (mm/yyyy) (enter 'p' if you are currently working in this firm) :-08/2022

Enter your accomplishments and achievements line by line, enter 0 to break :-
3rd Place for our team in SRMAP C2 Hackathon, where 43 teams participated from the whole university.
2nd Place for our team in 2021 School Cricket Tournament.
4th Place for our team in 2020 District Cricket Competitions.
0
Enter your intrests line by line, enter 0 to break :-
IOS Development
Block Chain
Flutter Development
Cryptography
0
```

## Output :

1 / 1 | — 60% + |  



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Vijayawada

### Ayyapa Kandula

#### Skills

C, C++, Kotlin, Firebase.

#### Education

SRM AP	- C.S.E
07/2021 - present	8.2
SRI CHAITANYA JUNIOR COLLEGE	- M.P.C
08/2019 - 08/2021	92.6%
SRI CHAITANYA SCHOOL	- STATE BOARD
07/2018 - 07/2019	9.5

#### Projects

**Scrollo App**  
07/2021 - present  
An App where th user can get daily news, memes, and also short videos in one place, which can be shared with their friends.

**Status Saver App**  
08/2019 - 08/2021  
An App where th user can get daily news, memes, and also short videos in one place, which can be shared with their friends.

#### Work Experience

**Android Developer Intern**  
05/2022 - 08/2022  
Developed 2 apps, named 'Loan Express' and 'CommonSurvey' in Android using Kotlin as back-end language, XML for designing, and Firebase as a Database.

**- Arema Technologies**

#### Achievements and Acomplishments

- ~ 3rd Place for our team in SRMAP C2 Hackathon, where 43 teams participated from the whole university.
- ~ 2nd Place for our team in 2021 School Cricket Tournament.
- ~ 4th Place for our team in 2020 District Cricket Competitions.

#### Intrests

IOS Development , Block Chain , Flutter Development , Cryptography.

## **4. Concluding Remarks**

This software is very helpful and can be used in different ways by different people in daily life for making resume for themselves and also their near and dear ones. This software eliminates the hard work in creating resumes by word files.