#### **A PROJECT REPORT**

On

#### **AI-Based Resume Analyzer**

Submitted by

#### **John Doe**

in partial fulfillment for the award of the degree

of

#### **BACHELOR OF SCIENCE**

in

under the guidance of

Dr. Smith

**Department of Computer Science** 

College Logo

**XYZ University** 

(Sem V / VI)

2024-2025

College Logo

### **XYZ University**

123 College St, City, Country

#### **Department of Computer Science**

#### **CERTIFICATE**

completed the Project Al-Based Re	esume Analyzer, to I	Sem V/VI) class has satisfactorily be submitted in the partial fulfillment ne academic year 2024-2025.
Signature of Project Guid	le	Signature of Principal
Internal Examiner	College Seal	External Examiner

### **ABSTRACT**

Al integration

Automated resume screening

User-friendly interface

#### **DECLARATION**

DECLARATION
I, John Doe, hereby declare that the project entitled "Al-Based Resume Analyzer" submitted in the partial fulfillment for the award of Bachelor of Science in during the academic year 2024-2025 is my original work and the project has not formed the basis for the award of any degree, associateship, fellowship, or any other similar titles.
Signature of the Student:
Place:
Date:

#### **ACKNOWLEDGEMENT**

It is a great pleasure that I present my venture in real-life application development in the form of project work. This project has been a very enriching experience in terms of programming skills and applying them to solve practical problems. I would like to extend my sincere gratitude to all those who helped me complete this project successfully.

I am happy to present this project work on the **AI-Based Resume Analyzer**. The satisfactory completion of this project is due not only to my own efforts but also to the valuable guidance rendered by my guide and others, as well as the necessary infrastructure and facilities provided by my college.

First, I extend my sincere thanks to the Principal, **Dr. Green**, and my guide **Dr. Smith** and the head of Department for their cooperation and guidance throughout the course. They provided support and briefed me from time to time, helping me overcome challenges and achieve the project's goals.

I also express my gratitude to all the faculty members of the , who imparted knowledge that proved valuable in the practical execution of this project. I would also like to thank those who helped me, either directly or indirectly, during the course of this work. Lastly, I would like to thank my friends for their constant support.

SR NO	TABLE OF CONTENTS	PAG ENO.
1	Chapter 1: Introduction 1.1 Overview of the Textract Application 1.2 Purpose of the Project	7
2	Chapter 2: Objectives 2.1 Primary Objectives 2.2 Secondary Objectives	8
3	Chapter 3: Scope 3.1 Project Scope 3.2 Limitations	9
4	Chapter 4: Methodology 4.1 Development Process 4.2 Tools and Platforms Used 4.3 ER diagram 4.4 Flow chart	10
5	Chapter 5: Tools and Technologies Python Flask OpenAl API MongoDB	11
6	Chapter 6: Timeline 6.1 Gantt Chart 6.2 Key Milestones	12
7	Chapter 7: Resources 7.1 Personal Resources 7.2 Documentation and Learning Resources	13
8	Chapter 8: Expected Outcomes 8.3 Project Structure, Source Code (With Application Screen Sample)	14
9	Chapter 9: References	15

INTRODUCTION
This project aims to develop an Al-based resume analyzer

<u>OBJECTIVES</u>
The key objectives are to automate resume screening

SCOPE
This project will help HR professionals efficiently analyze resumes

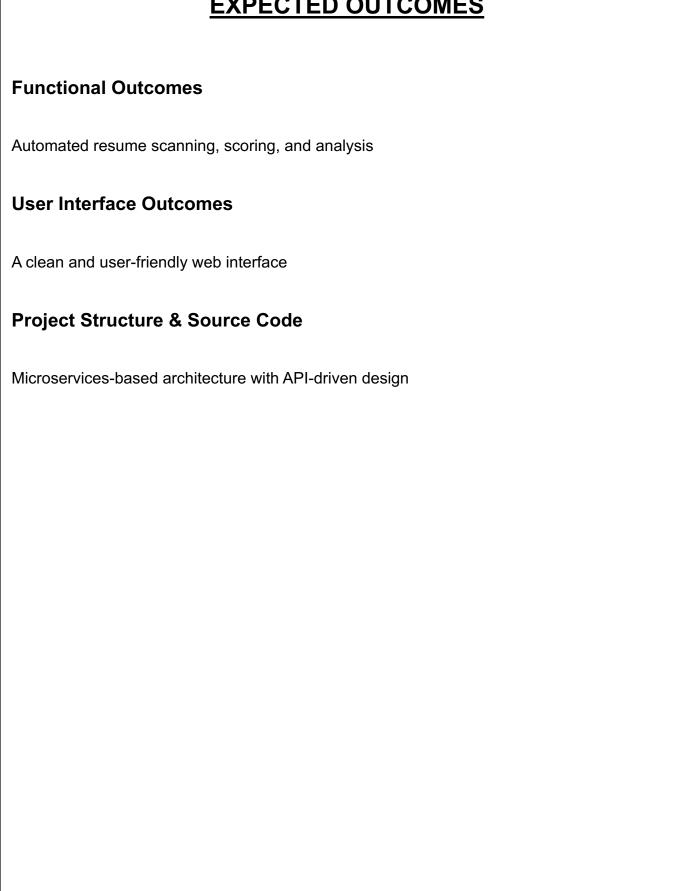
## **METHODOLOGY Development Process** We follow Agile methodology for development... **Tools & Platforms Used** Python, Flask, OpenAl API for Al processing... **ER** Diagram **ER** Diagram

# **TOOLS AND TECHNOLOGIES** Python, Flask, OpenAI, MongoDB, Docker

<u>TIMELINE</u>
Gantt Chart
Gantt Chart
Key Milestones
Prototype by Q2, MVP by Q3, Final release by Q4

Computing resources, Al APIs, Cloud hosting services

#### **EXPECTED OUTCOMES**



REFERENCES
Smith, J. (2020). AI in HR Analytics. Tech Press.