

SMART RESUME GENERATOR: CUSTOMIZED RESUMES FOR EVERY OPPORTUNITY

SmartResume Generator Project Overview

SmartResume Generator is an AI-powered resume builder that creates customized resumes for different job opportunities. It uses Google's Gemini API to generate professional resumes based on user-provided details.

Features

- AI-powered resume generation using Google Gemini API
- User-friendly UI with real-time preview
- Multiple resume templates (Classic, Modern, Minimal)
- Supports custom input fields for skills, education, and experience

🔧 Installation Steps To run this project locally, follow these steps:

1 Clone the Repository `git clone Resume-Generator`

`git clone https://github.com/google/generative-ai-resume-generator-template.git`

`cd ge`

2 Install Dependencies `pip install -r requirements.txt`

3 Run the Streamlit App `streamlit run hello.py`

👉 The app will launch in your browser at <http://localhost:9000/>

📱 How to Use

- 1 Open the SmartResume Generator web app.
- 2 Enter your details (Name, Email, Phone, Skills, Education, Experience, etc.).
- 3 Choose a Resume Template.
- 4 Click Generate Resume to let AI create a professional resume.

: favorites | Gmail YouTube Maps



Smart Resume Generator

Paste job description

Your skills

Generate Resume



Smart Resume Generator

Paste job description

SOFTWARE ENGINEER

Your skills

JAVA, PYTHON

Generate Resume

Rerun R

Settings

Print

Record a screencast

About



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RESUME PREVIEW

NAME

📍 Location | ✉ Email | ☎ Phone | 🔗 LinkedIn/GitHub

Professional Summary

Results-driven Software Engineer with expertise in **Java** and **Python**. Passionate about developing efficient, scalable, and high-performance applications. Strong problem-solving skills and the ability to work in a fast-paced environment.

Skills

- **Programming Languages:** Java, Python
- **Software Development:** Object-Oriented Programming (OOP), Design Patterns
- **Web Development:** REST APIs, Backend Development
- **Tools & Frameworks:** Spring Boot, Django, Flask
- **Version Control:** Git, GitHub, Bitbucket
- **Databases:** MySQL, PostgreSQL

Work Experience

Software Engineer | Company Name | Dates of Employment

- Developed and maintained backend services using **Java (Spring Boot)** and **Python (Django/Flask)**.
- Designed and implemented REST APIs for seamless communication between frontend and backend.
- Optimized SQL queries to improve database performance by **30%**.
- Collaborated with cross-functional teams to deliver high-quality software solutions.

Software Developer Intern | Previous Company Name | Dates of Employment

- Assisted in developing microservices using **Spring Boot** and **Python Flask**.
- Wrote unit and integration tests to ensure code quality and maintainability.
- Participated in Agile development cycles, including daily stand-ups and sprint reviews.

Education

Bachelor's Degree in Computer Science | University Name | Year of Graduation

Certifications

- Java Certification – Oracle
- Python for Data Science – Coursera

Projects

Smart Resume Generator

- Developed a tool that auto-generates resumes based on job descriptions and skills input.
- Used **Python** for backend logic and **React.js** for frontend implementation.