

# **“EMPOWER” WOMEN IN STEM**

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# Need of Women in **TECH** :

- Women bring diversity of perspective and experiences to the field of technology that can lead to more innovative solutions and products as different viewpoints and ideas are considered.
- Encouraging more women to pursue careers in tech helps bridge this gap and ensures that opportunities are accessible to all.
- Studies have shown that companies with diverse teams tend to perform better financially and are more resilient.
- Encouraging women to enter tech fields helps expand the talent pool and is especially important given the high demand for tech professionals in today's digital economy.
- Having visible women in tech roles serves as inspiration and provides role models for the next generation of female technologists. This can encourage girls to pursue STEM (Science, Technology, Engineering, and Mathematics) education and careers.





**IS THERE A ONE-STOP  
SOLUTION FOR THIS?**



**YES! THERE IS!**





# “EMPOWHER”

We've meticulously crafted a digital space seamlessly integrating cutting-edge AI/ML models. Our commitment to empowering and celebrating women in the fields of Science, Technology, Engineering, and Mathematics (STEM) is reflected in the innovative features we've incorporated. By harnessing the power of Artificial Intelligence (AI) and Machine Learning (ML), we have curated an enriching environment that highlights the invaluable contributions of women in STEM.



# The following are the features :

**01**

## **Classification system using NLP :**

Ability to classify posts into various channels.

**02**

## **Resue Screening/Analyzer :**

Generates a pie chart illustrating areas of expertise in a candidate's resume.  
Beneficial for recruiters and candidates.

**03**

## **Chatbot Integration**

Responsive and assists users in navigating the website and understanding the cause.

# Other **Salient** Features :

1

**Social Page**

2

**Interview  
Booking**

3

**Mentorship  
Matching**

4

**Skill  
Development  
Workshop**

5

**Career  
Guidance Hub**

6

**Collaborative  
Events Hosting**





# TECH STACK :

**01**

## **Programming Languages**

Python, JavaScript

**02**

## **Library/Frameworks**

NumPy, Pandas, PyTorch, Tensorflow, Scikit-learn, Bootstrap, jQuery

**03**

## **Databases**

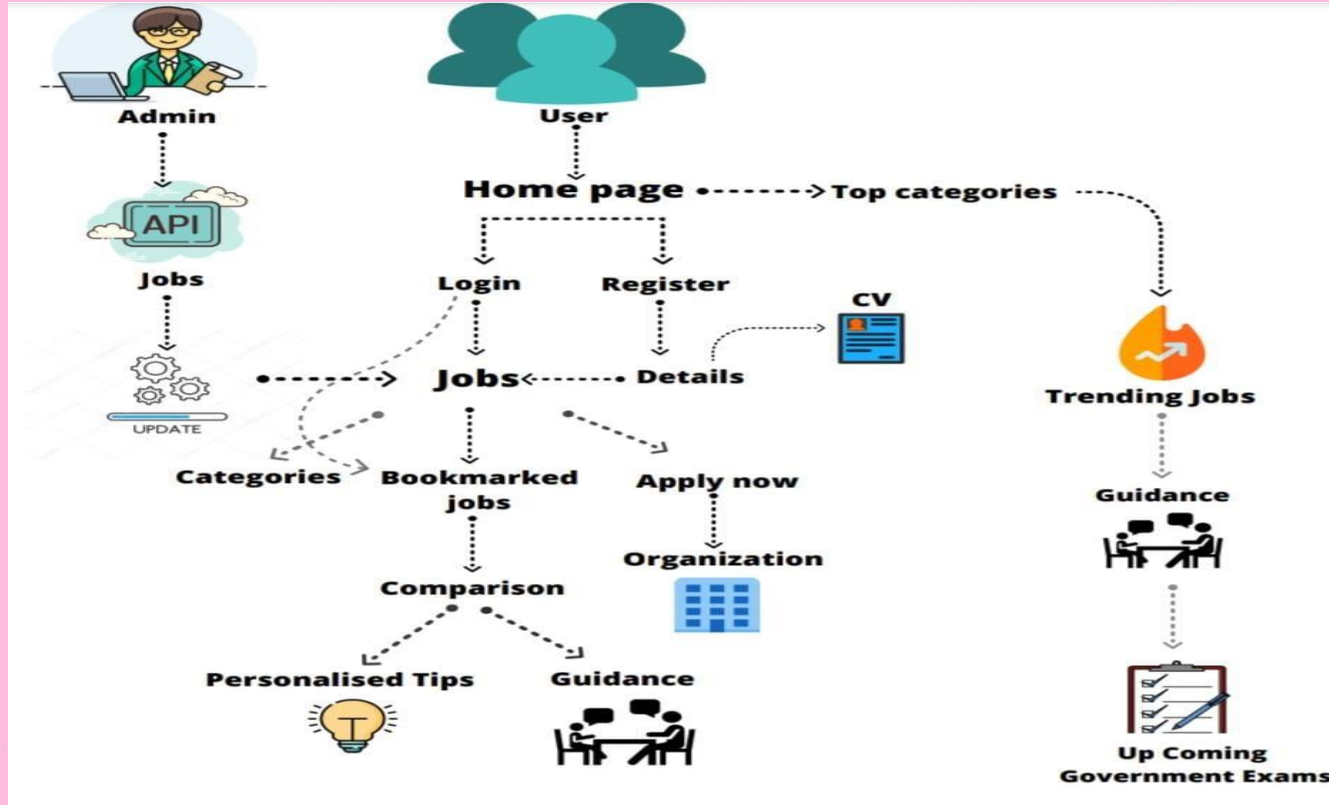
NoSQL (MongoDB)

**04**

## **Tools/Platforms & Designing**

Jupyter, VS Code, Git, Adobe Photoshop, Figma

# User-flow Diagram

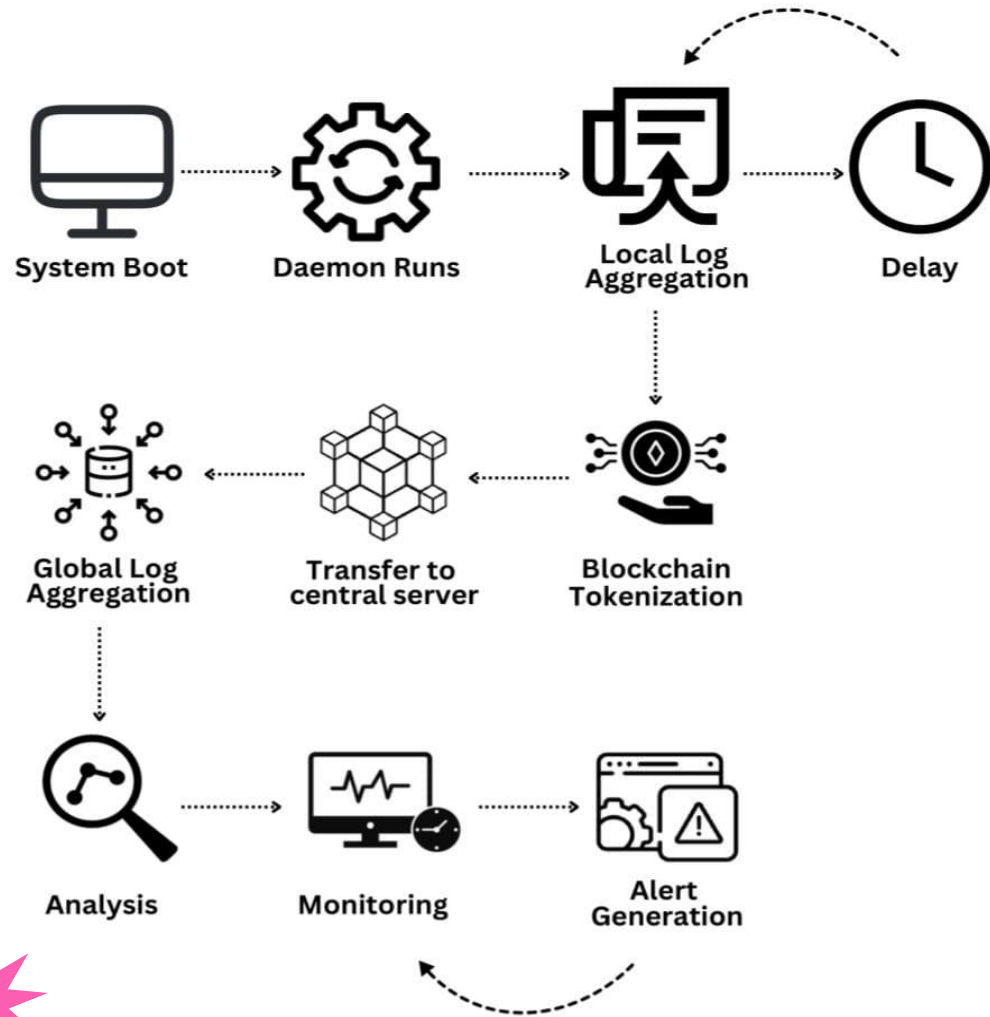




**Demonstration**

# Future Prospect :

- Blockchain secured algo will work as future prospect.
- It will extract and secure data in the form of logs.





**THANK YOU!**