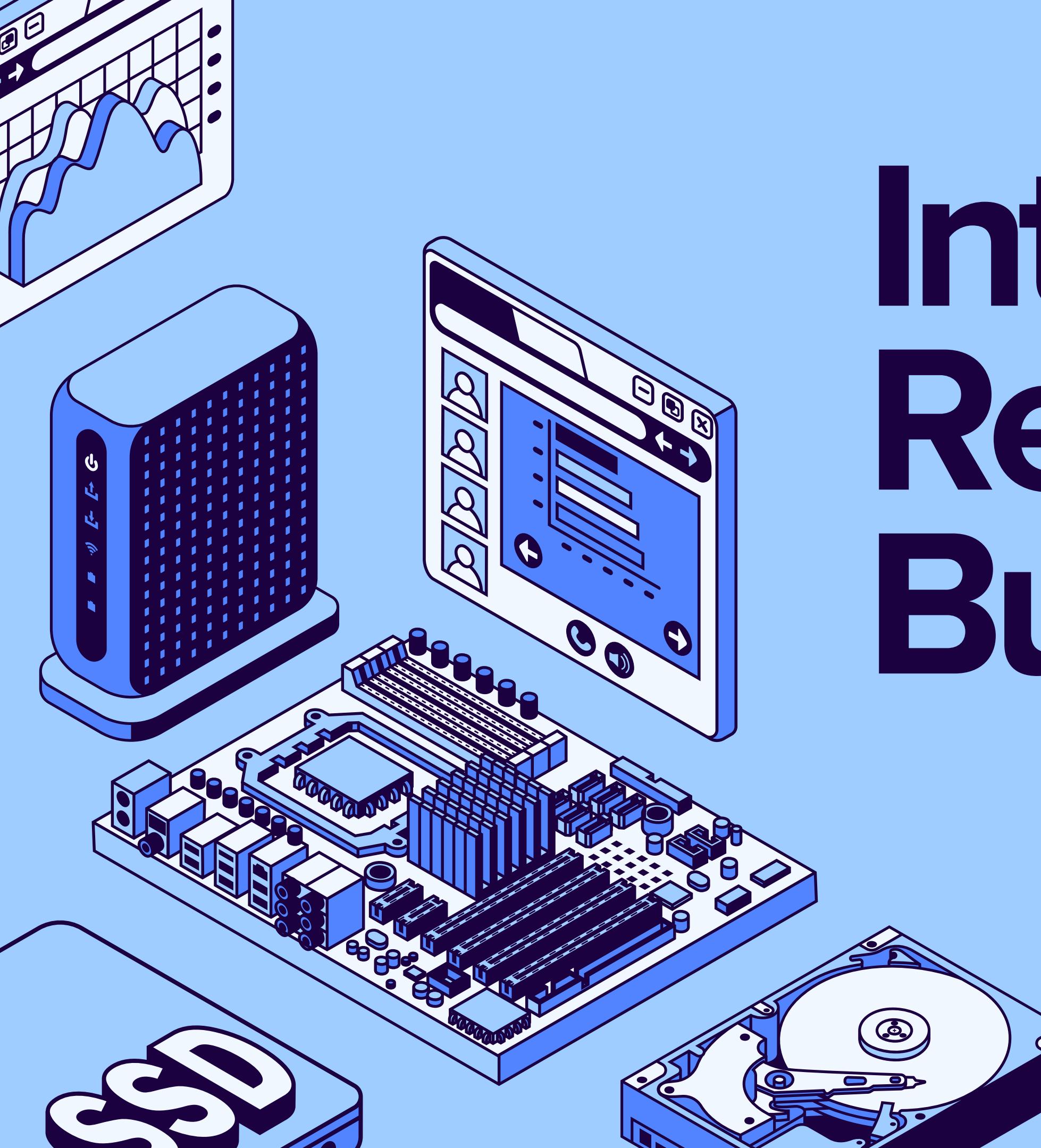


Interactive Resume Builder



Student Name: Swetha.G
Register No &
NMID:4336D50D8CC13609D5346EA63A81AA93
Department: B.Sc CS WITH AI
College: SRM Arts and Science College
University: Madras University

Project title

Interactive Resume Builder

Using HTML, CSS & JavaScript

"Because your career deserves more than a plain PDF"

Presented by : Swetha



AGENDA

- 1. Problem Statement**
- 2. Project Overview**
- 3. Objectives of the Project**
- 4. End Users**
- 5. Tools & Technologies**
- 6. System Architecture / Workflow**
- 7. Resume Design & Layout**
- 8. Features & Functionality**
- 9. Results & Screenshots**
- 10. Advantages & Limitations**
- 11. Future Scope**
- 12. Conclusion**
- 13. GitHub Link**

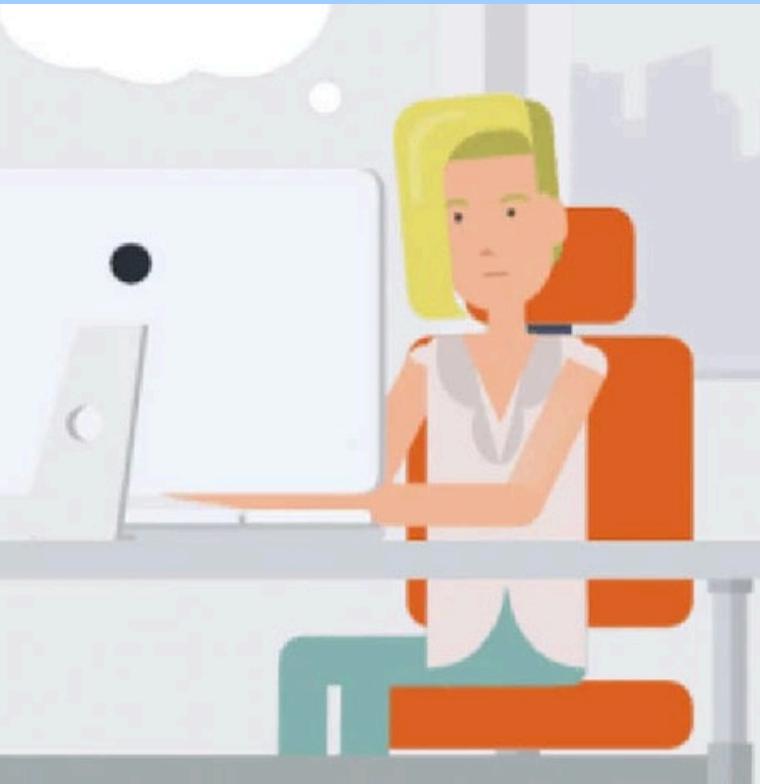


Problem statement

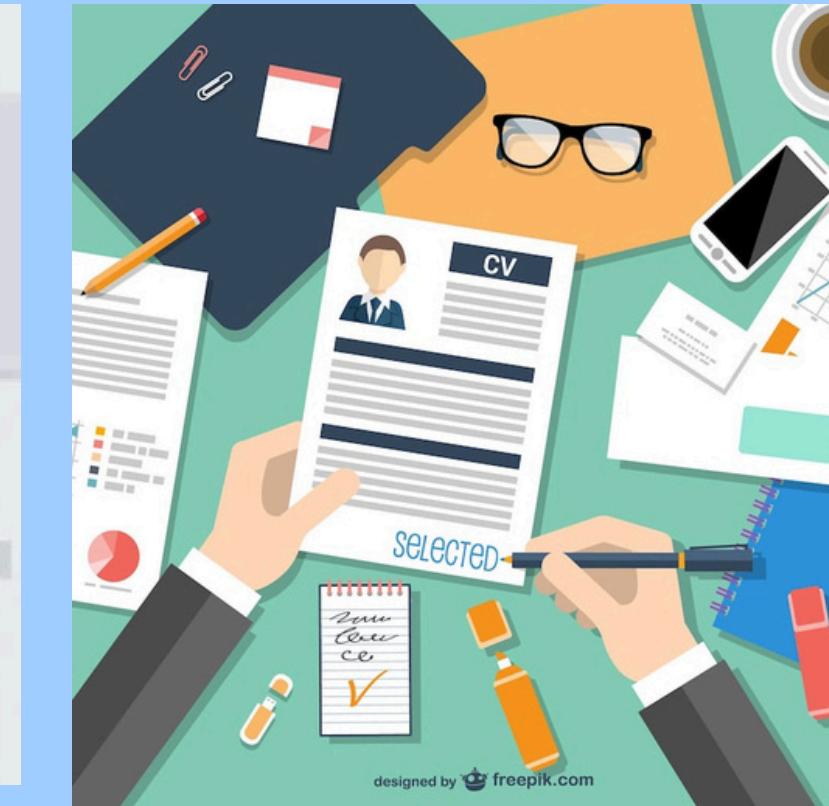
1. Traditional resumes are static and hard to update.
2. Students struggle with formatting and design.
3. Recruiters prefer professional, standardized formats.
4. Need a simple, interactive web tool to generate resumes quickly.



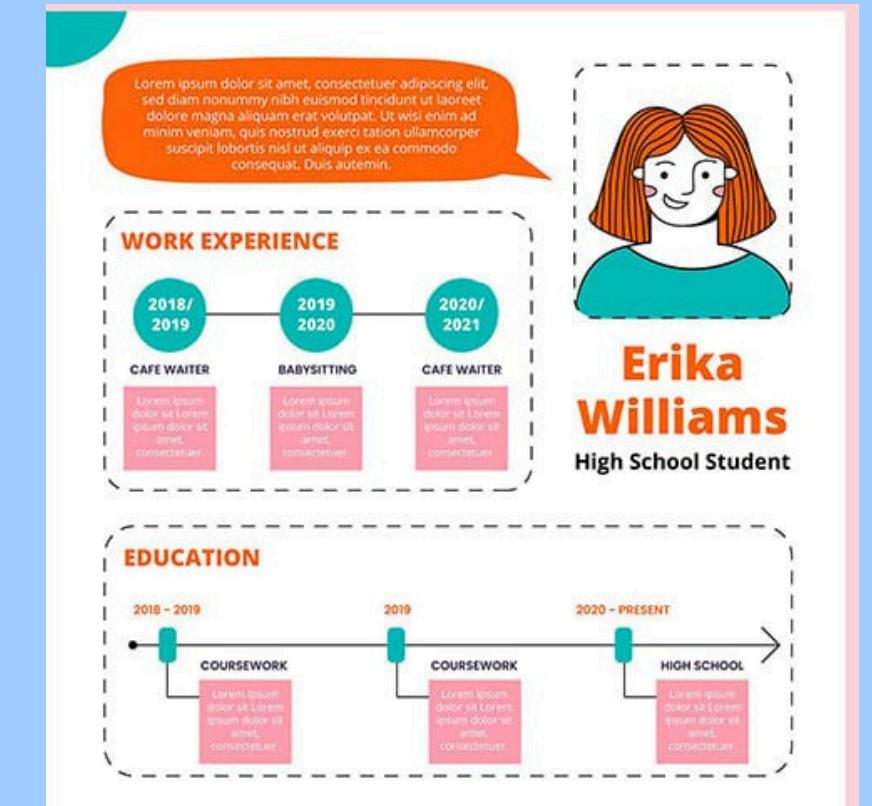
Project Overview



A web application that allows users to enter their details.



Automatically generates a formatted, professional resume.



Provides real-time preview and download as PDF.



- To create a user-friendly platform for resume generation.
- To provide customizable templates for different job roles.
- To ensure resumes are mobile-friendly and accessible.
- To allow quick updates anytime.

Objectives of the Project

End Users

- Students & Freshers → for campus placements & internships.
- Professionals → for updating resumes quickly.
- Freelancers → to send quick resumes to clients.
- Recruiters → can guide candidates to use this tool.





Tools & Technologies

- **HTML5** → Structure of input forms & resume Layout.
- **CSS3** → Styling, colors, and professional formatting.
- **JavaScript** → Dynamic interactivity & PDF generation.
- **Bootstrap / Tailwind CSS** → For responsive design.
- **GitHub Pages / Netlify** → For deployment & hosting.

System Architecture / Workflow

1. User Input → Name, Education, Skills, Projects, Contact Info.
2. Processing (JavaScript) → Data mapped to template.
3. Output (Preview) → Live interactive resume displayed
4. Export → Resume downloaded as PDF or shared online.



Resume Design & Layout

Sections Included:

Personal Details

Education

Skills

Projects & Experience

Certifications

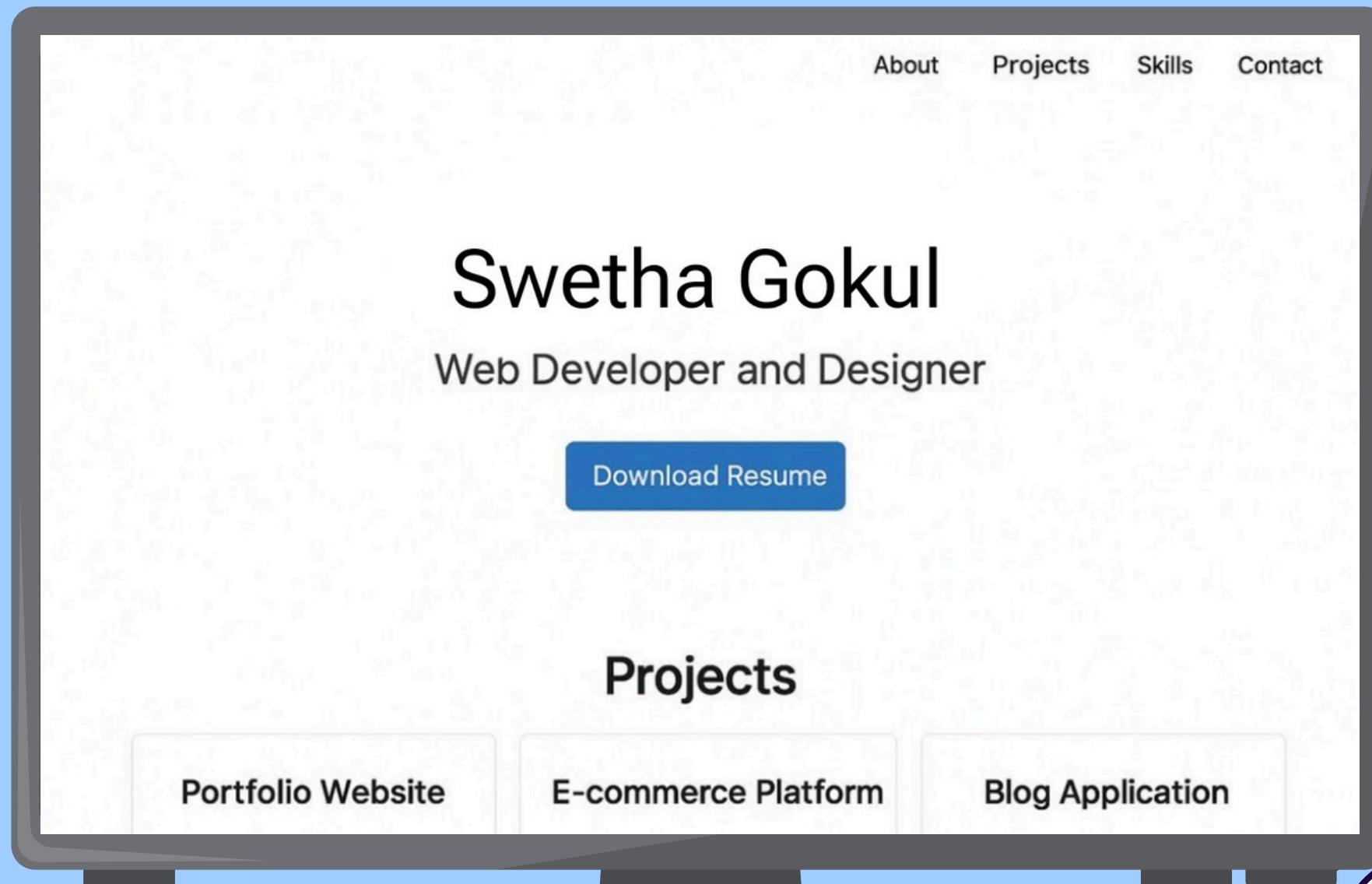
Contact Info



- Easy form-based input.
- Real-time preview while typing.
- Multiple templates to choose from.
- Dark/Light mode option.
- PDF Download & Print feature.
- Responsive → works on mobile & desktop.

Features & Functionality

Result and Screenshot



CS

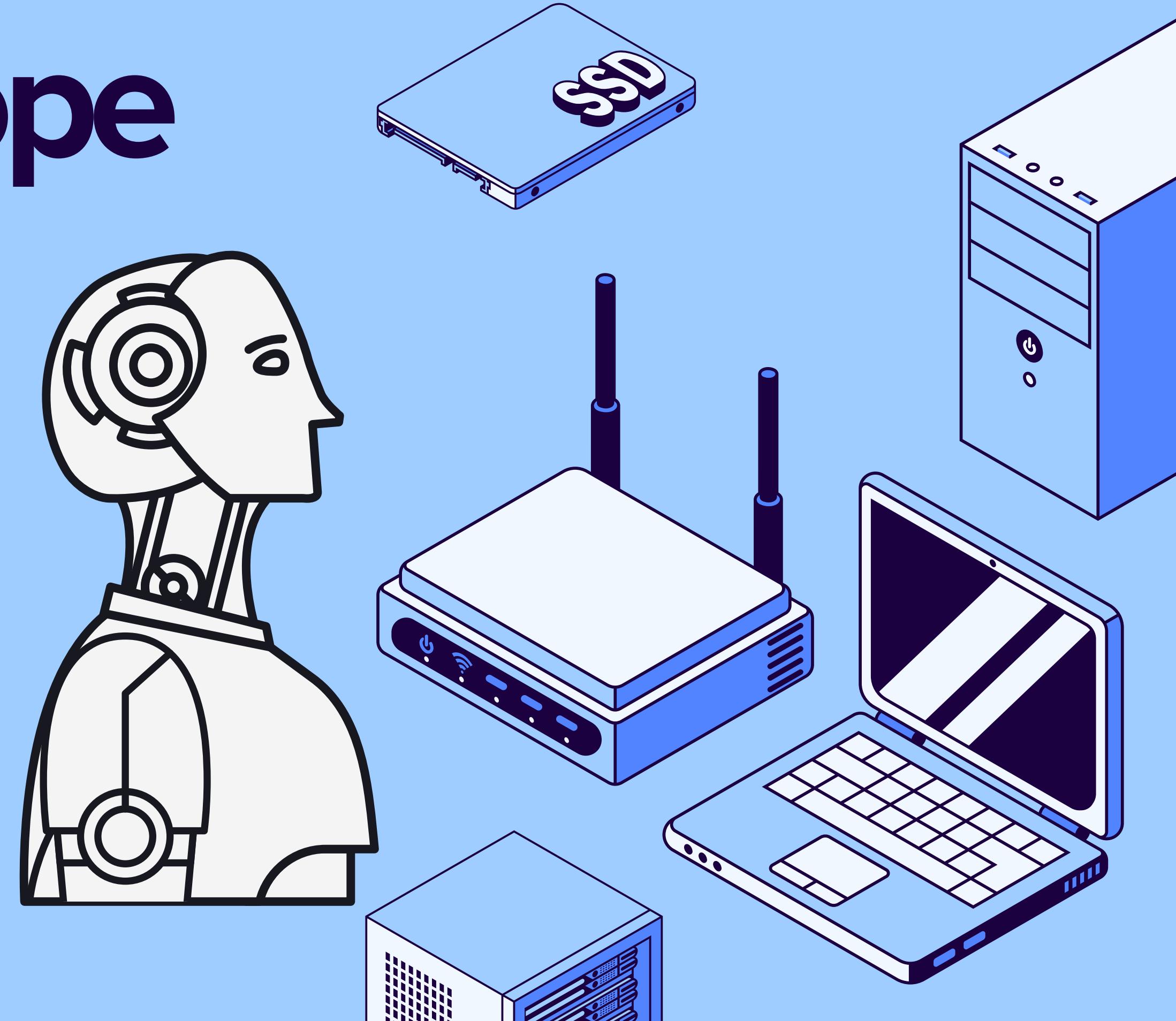
Advantages & Limitations

- Advantages:
 - Saves time and effort.
 - Professional designs without needing MS Word.
 - Works online (accessible anywhere).
 - Easy customization.
-
- Limitations:
 - Limited templates compared to premium tools.
 - Requires internet connection (if hosted online).
 - Advanced features (like AI-suggestions) not included yet.



Future Scope

- Add AI-based suggestions for skills & resume improvements.
- Integration with LinkedIn / job portals.
- Allow multi-language resume generation.
- Cloud storage for saving multiple resumes.
- Export to Word/Google Docs in addition to PDF



Conclusion

- The project provides a smart, simple, and effective way to build resumes.
- Solves a real-world problem faced by students and job seekers.
- Easy to expand with more templates and AI features in the future.
- A step toward digital, professional career tools.

GitHub link

Source code of the project is uploaded to GitHub.

Publicly available for viewing and contribution.

Helps in version control & portfolio building.

<https://github.com/swethagomadhi23-oss/Swetha.git>



Thank You

