



Thanks for filling in this form: Project-Based Learning (PBL) Report

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To: sankarpraneeth668@gmail.com

Tue, Dec 16, 2025 at 11:21 AM

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Project-Based Learning (PBL) Report

Spend 5-10 minutes to fill this form.
Before filling this form, keep the following things ready:

- Your day-wise notes of all design thinking questions [Empathise, Define, Ideate, Prototype, Test]
- Screenshots of your innovation
- Screen recordings of your innovation's working model
- Innovation images generated on Day 2 take-home task

This form is to record your thoughts and ideas about the innovations you made as part of IBM SkillsBuild's PBL activity so fill this form honestly and completely.

Your email address (sankarpraneeth668@gmail.com) was recorded when you submitted this form.

Your Full Name *

SANKARASETTI PRANEETH SAI

Your Email ID (as per IBM SkillsBuild)

sankarpraneeth668@gmail.com

Your Mobile Number *

9398524939

College Name *

KRISHNA UNIVERSITY COLLEGE OF ENGINEERING AND TECHNOLOGY

Qualification(Degree) *

B.TECH-ECE

Day 1

Design Thinking Process Step 1 & 2: Empathise & Define

*Step 1: Understanding
the Need*

Which problem am I
trying to solve?

*

Many students and fresh professionals do not have a simple, professional online presence to showcase their resume, skills, and projects in one place

Step 2: What is the problem?

The problem I want to solve in **one clear sentence**

*

[You can try a prompt like this: "*I am ideating a solution for <enter your problem in detail> Convert this problem into a single clear sentence which I can share to an audience*"]

Students and job seekers lack a clean, easy-to-access one-page resume website that presents their profile, skills, projects, and contact information professionally

Why is this problem important to solve?

*

[You can try a prompt like this: "*Draft 1-2 lines on why this problem is important to solve. Support this with evidence using relevant data points*"]

This problem is important because recruiters increasingly prefer digital profiles over traditional resumes. A one-page resume website improves visibility, creates a strong first impression, and allows candidates to share their profile instantly through a single link, increasing their chances of shortlisting

Take-home task

Ask 2–3 people (you can speak to your family members, friends, teachers, trainers) what they think about this problem. Write down surprising or new things you learn below.

*

Friend: They said sharing multiple PDFs and certificates is confusing, and a single website link would be much easier.

Teacher: They mentioned that students often have good skills but fail to present them professionally.

Family member: They felt that an online resume looks more modern and trustworthy than a paper resume.

Day 2

Design Thinking Process Step 3: Ideation

Step 3: Brainstorming solutions

List **at least 5 different solutions** (wild or realistic):

*

[You can try a prompt like this: "*I am ideating solutions for <enter your problem in detail> Suggest 5 unique solutions for this problem, which I can easily accomplish in 2 days using free, open-source mobile-friendly AI tools*"]

Students and job seekers lack a clean, professional, and easily shareable one-page resume website.

5 Possible Solutions (Realistic + Achievable in 2 Days)

1. Static One-Page Resume Website

A clean HTML/CSS-based single-page website with sections like About, Skills, Projects, and Contact.

2. No-Code Resume Website Builder

Use no-code platforms (Orchids AI, Canva AI, Carrd) to quickly design and publish a resume website.

3. AI-Generated Resume Website

Use AI tools to auto-generate content (About, Skills, Projects) and deploy it as a personal website.

4. Mobile-First Resume Web App

A mobile-friendly resume website optimized for recruiters who view profiles on phones.

5. QR Code Linked Resume Website

A one-page resume website linked via a QR code that can be added to resumes and business cards.

Step 4: My favourite solution:

*

A clean, mobile-friendly one-page resume website built using no-code tools (Orchids AI)

Step 5: Why am I choosing this solution?

*

It can be built within 2 days

Requires no coding

Uses free, open-source or no-code AI tools

Easy to update and share as a single link

Creates a professional digital presence

Recruiter-friendly and mobile-friendly

This solution is practical, scalable, and suitable for students and fresh graduates

Take-home task

Generate the image of your solution and how it will look (eg: “a bag that charges your phone while you walk”)

Attach the image in this box below:

*

[You can try a prompt like this: "*I am ideating a solution for <enter your problem in detail> I have selected a solution which includes <enter your solution description> Generate an image for this solution*"]

Submitted files



Screenshot_20251216_111132 - Praneeth Sai (ECE36).jpg

Tools you can use for Day 2

ChatGPT/Perplexity AI:

You can use these tools to compare your solutions and choose the most effective one

*AI Tools you can use
for the take-home task:*

Canva AI/CoPilot

AI/Meta AI: Use these mobile-based tools to generate images for the solution they want to design

Day 3

Design Thinking Process Step 4 & 5: Building & Testing my Prototype

*Step 6: Prototype –
Building my first version*

What will my solution
look like?

[Take inspiration from the image generated on Day 2 and describe the solution]

*

My solution will look like a clean, professional one-page resume website displayed on both mobile and laptop screens. It will have clearly defined sections such as About, Experience, Education, Skills, Projects, Contact, and Social Media links. The design will be minimal, easy to scroll, mobile-friendly, and focused on readability and clarity, similar to modern portfolio websites.

What AI tools will I need to build this?

*

[You can try a prompt like this: *"I am ideating a solution for <enter your problem in detail> I have designed a solution which includes <enter your solution description> What open-source, free AI tools that I can use to build this solution? The tools should be easily available and accessible on my mobile. Do not recommend tools which requires cost or subscription"*]

To build this solution, I will use free, open-source, and mobile-accessible AI tools that help with content generation, layout design, and prototyping. These tools will allow me to create text content, visual layouts, and a basic prototype without any coding or paid subscriptions.

Top AI tools I finally selected to build this solution? [Eg: Claude AI, Grok AI, Chatling AI]

*

Write it in 5 lines as 5 points

Orchids AI (No-Code) – To build and publish the one-page website without coding.

Step 7: Test – Getting Feedback

Who did I share my solution with? [You may share it with your trainer, peers or even AI] *

I shared my prototype with my trainer, two classmates, and also reviewed it using AI feedback tools.

What positive feedback did I receive?

*

The layout is clean and easy to understand. The one-page format is quick to scan and recruiter-friendly. Mobile responsiveness makes it convenient to view on phones. Having social media links improves professional visibility.

What feedback did I receive for improvement? *

Add a profile photo for better personalization. Improve color contrast for better readability. Include project links or live demos. Add a downloadable PDF resume option

Take-home task

Record your solution and test feedback in voice notes.
Upload your voice notes, images and your solution/model on GitHub

*AI Tools you can use
for Step 6-7:*

ChatGPT/Perplexity

AI/Claude AI/Canva AI/Chatling AI/Figma AI: You can use these tools to build solutions/models or mock-up dummy prototypes

Day 4

Presenting & Reflecting on my Innovation

Step 8: Presenting my Innovation

Final Project Title:

*

One-Page AI-Powered Resume Website for Students and Job Seekers

Key points of
my presentation

*

[You can try a prompt like this with attachment/screenshot of your solution: *"I am ideating a solution for <enter your problem in detail> I have selected a solution which includes <enter your solution description> I tested the solution with <enter details of who tested your solution> and they gave the following feedback <enter feedback given by the testers> Generate a 1-minute pitch document with following headings: project title, problem statement, my innovation, feedback I received from users, impact of my innovation. Add the attached image in the pitch document"*]

1. Problem Statement

Many students and fresh graduates lack a professional online presence. Traditional PDF resumes are hard to update, not mobile-friendly, and do not effectively showcase skills and projects.

2. My Innovation

I designed a clean, mobile-friendly one-page resume website using free, no-code AI tools. The website includes sections such as About, Experience, Education, Skills, Projects, Contact, and Social Media links, all accessible through a single link.

3. Tools & Approach

I used Orchids AI to generate content, design the layout, and build the prototype without coding.

4. Feedback I Received from Users

Testers appreciated the clean design, ease of navigation, and mobile responsiveness. They felt it was more professional and modern than a traditional resume.

Step 9: Reflections

What did I enjoy the most during this project-based learning (PBL) activity?

*

I enjoyed using AI tools to convert an idea into a real, usable solution. The most exciting part was seeing how quickly a professional-looking prototype could be built using no-code and AI tools.

Step 9: Reflections

What was my biggest challenge during this project-based learning (PBL) activity?

*

My biggest challenge was selecting the best solution from multiple ideas and keeping the design simple yet professional. Understanding how to present the innovation clearly within limited time was also challenging.

Upload images of your day-wise notes/responses of all questions *

You can also combine your images into one PDF file and upload

Submitted files



Screenshot_20251216_111132 - Praneeth Sai (ECE36).jpg



Screenshot_20251216_111830 - Praneeth Sai (ECE36).jpg



Screenshot_20251216_111838 - Praneeth Sai (ECE36).jpg



Screenshot_20251216_111835 - Praneeth Sai (ECE36).jpg



Screenshot_20251216_111841 - Praneeth Sai (ECE36).jpg

Upload Mini Project link *

<https://resume-website-one-page-design.vercel.app/>

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