



Style your own dress
"From Fabric to Fashion – You create, we craft".

STATIC WEBSITE HOSTING WITH S3 AND CLOUDFRONT

Smart Landing Page



PROJECT NAME

STATIC WEBSITE HOSTING WITH S3
AND CLOUDFRONT (SMART LANDING
PAGE)

NAME

1. KOVI INDU PRIYA
2. BALAM HEMA LAVANYA
3. YENUGULA TEJASWINI VEERA
4. NADIMPALLI MADHU LATHA RAM
5. VISVANATHAM DURGA DEEPIKA

ROLL NO

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| - 23MH1A0528 |
| -23MH1A0502 |
| -23MH1A0570 |
| -23MH1A0541 |
| -23MH1A0568 |

Problem statement

In today's digital world, fashion personalization is becoming a key demand – but most tailoring services and boutiques still rely on manual order-taking, limited walk-in interactions, and lack of online customization tools. This causes delays, miscommunication, and limited reach for both customers and designers.

Customer often face challenges like:

1. Not being able to customize their own dress designs remotely.
2. Lack of clarity on available fabrics, measurements, or how to convey a design idea.
3. No platform to upload reference images or specify exact cloth requirements.

Solution Overview

STEP 1

Browse our extensive collection and choose your favorite clothes for styling.

STEP 3

Use our interactive tools to customize styles, lengths, and fabrics to suit your preferences.

STEP 2

Easily upload a reference image to help us understand your vision.

STEP 4

Finalize your design and place your order securely, ready for delivery to your doorstep.

KEY FEATURES OF OUR WEBSITE

1. Choose cloth type and quantity.
2. Enter body measurements.
3. Upload design reference image.
4. Submit through responsive form.
5. Backend hosted on EC2 server.
6. Images stored in S3.
7. Order data stored in DynamoDB.
8. Confirmation alert on submission.





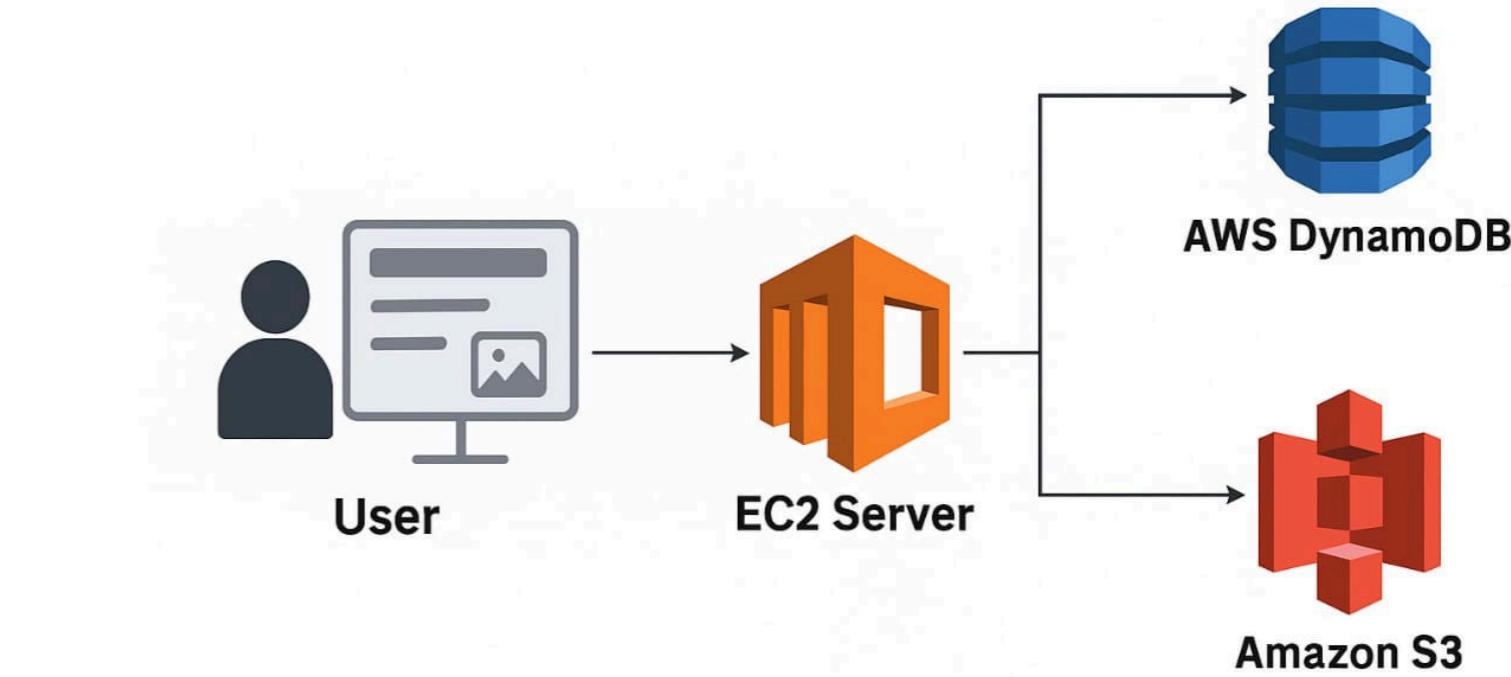
Revolutionizing Dress Design Online

The website empowers women to create their own unique dresses by selecting clothes, adjusting lengths, and uploading reference images, all powered by AWS cloud computing for seamless performance and scalability.

System Architecture

User -----> EC2 server -----> AWS services

1. Frontend (HTML form) sends data to EC2
2. EC2 backend stores:
 - * Text -----> DynamoDB
 - * Image -----> S3
3. Data is processed in real-time
4. Admin can access all orders from backend



System Architecture



Customization

Our platform offers extensive options for women to design their ideal dress using AWS cloud technology.

Fabric Choices

Users can select from varied fabrics to enhance comfort and style.

Design Tools

Custom tools allow users to manipulate styles and create unique outfit effortlessly.

Length Options

Choose the perfect length to suit different occasions and preferences.

Reference Pictures

Upload images to visualize and inspire your custom dress design.

Instant processing, no manual entry required.

Leveraging AWS cloud for our project

Utilizing AWS cloud provides scalability, security, and efficient storage solutions to ensure seamless operation and a positive user storage solution to ensure seamless operation and a positive user experience for our website dedicated to customizing women's dresses.

Scalability

AWS allows us to easily scale our resources based on demand.

Security

Robust security features protect user data and privacy effectively.

Storage solution

AWS offers reliable storage options for images and design assets.



Server-Based on AWS

Service Purpose

Amazon EC2	Hosts your backend server (Flask or Node.js)
Amazon S3	Stores frontend files (or can also be hosted on EC2) and uploaded images
Amazon DynamoDB	Stores user inputs(cloth type, size, etc)
IAM Roles	Allows EC2 to access S3 and DynamoDB securely
Amazon Route 53 (optional)	For a custom demand

**FASHION IS WHAT YOU BUY,
STYLE IS WHAT YOU DO WITH IT.**



THANKS!