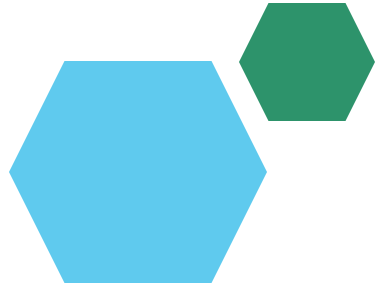


Digital Portfolio



STUDENT NAME: N .THARIKA

REGISTER NO AND NMID: 24131091802522020 /
E9EEBF046C18865812D4FF719C18238E

DEPARTMENT: BSC COMPUTER SCIENCE

COLLEGE: COLLEGE/ UNIVERSITY : THIRUVALLUVAR ARTS AND SCIENCE
/ANNAMALAI UNIVERSITY



PROJECT TITLE



random-image-generator



AGENDA

1. Problem Statement
2. Project Overview
3. End Users
4. Tools and Technologies
5. Portfolio design and Layout
6. Features and Functionality
7. Results and Screenshots
8. Conclusion
9. Github Link



PROBLEM STATEMENT

People often need random images for testing, design inspiration, or placeholders.

Manually searching is time-consuming.

No easy tool to instantly generate or fetch random images.



PROJECT

OVERVIEW

A web-based tool that generates random images on demand.

Users can specify categories (e.g., animals, nature, abstract) or generate completely random ones.

Built using APIs or local image



WHO ARE THE END USERS?



Developers for UI testing

Designers → for creative inspiration

Students for projects/demos

General Users for fun/random exploration



TOOLS AND TECHNIQUES



Frontend: HTML, CSS, JavaScript

***Backend (optional): Node.js / Flask
/ Django***

***API: Unsplash API, Pexels API,
Lorem Picsum***

IDE/Editor: VS Code

Version Control: GitHub

POTFOLIO DESIGN AND LAYOUT

Simple interface with:

*Generate Button → fetches
random image*

Category Dropdown (optional)

Download Option

FEATURES AND FUNCTIONALITY

Generate truly random images.

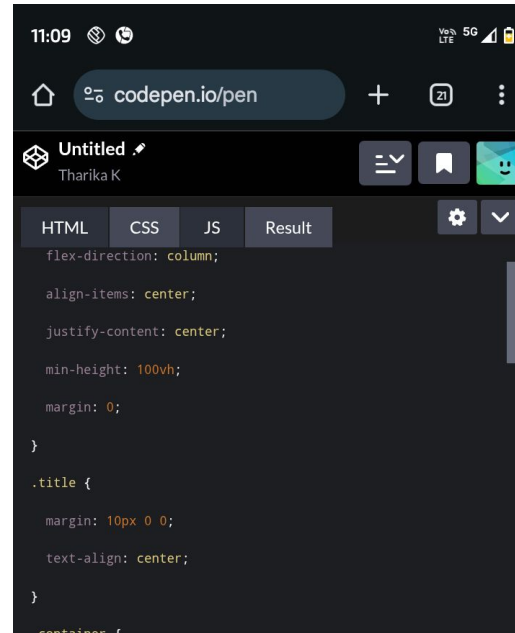
Select categories (nature, animals, space, abstract).

Image resolution options.

Save/Download feature.

Lightweight and fast

RESULTS AND SCREENSHOTS



The screenshot shows a mobile browser interface with a dark theme. The address bar displays 'codepen.io/pen'. The page title is 'Untitled' by 'Tharika K'. The editor has tabs for 'HTML', 'CSS', 'JS', and 'Result'. The CSS tab is active, showing the following code:

```
flex-direction: column;

align-items: center;

justify-content: center;

min-height: 100vh;

margin: 0;

}

.title {

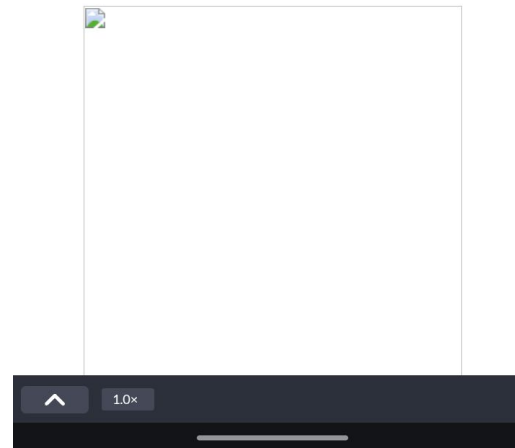
margin: 10px 0 0;

text-align: center;

}

.container /
```

Random Image Feed



CONCLUSION

Provides an easy solution for random image generation.

Saves time for developers and designers.

Extensible for future features (like GIFs, AI-generated images).

<https://github.com/tharika1308-spec/Tharika-TNSDC-FWD-DP.git>