

# DIGITAL PORTFOLIO

Presentation

# PROJECT TITLE:

STUDENT NAME:KEERTHANA S

REGISTER NO AND

NMID:2D491DFE6762F3D823E42FD9280

11D9A

DEPARTMENT : BSC COMPUTERSCIENCE

COLLEGE:VEL TECH RANGA SANKU ARTS

COLLEGE/UNIVERSITY OF MADRAS

# AGENDA

1.problem statement  
2.project overview

3.End users

4. Tools and technologies

5.portfolio design and layout

6.Features and layout

7.results and screenshots

8.conclusion

9.github link

# PROBLEM STATEMENT

Traditional resumes are static; they don't convey personality, interactivity, or quick skill discovery for recruiters.

Students need a structured, visually engaging, mobile-friendly way to present education, skills, and contact info. slidesgo

A digital portfolio improves discoverability and streamlines communication for internships and collaborations

# PROJECT OVERVIEW

A responsive personal portfolio featuring Home, About, Skills, Hobbies, and Contact sections with smooth navigation.

Clean, modern UI using utility-first Tailwind classes, iconography via Font Awesome, and Inter typeface.

Emphasis on concise storytelling: name highlight, academic status, register number, and clear calls-to-action.

# END USERS

Recruiters and HR evaluating academic trajectory and practical skills quickly.

Faculty and mentors tracking learning progress and presentation quality.

Peers and collaborators identifying shared interests and initiating contact.

# TOOLS AND TECHNOLOGIES

Markup and styling: HTML5 and Tailwind CSS for rapid, consistent UI development.

Icons: Font Awesome for recognizable, compact iconography.

Typography: Google Fonts (Inter) for clean, legible text across devices.

# PORTFOLIO DESIGN AND LAYOUT

Header: Fixed top navigation with anchors for Home, About, Skills, Hobbies, Contact.

Hero: Name emphasis, academic line, brief intro, two primary CTAs, register number, subtle animated accents.

Sections: About (Education timeline Personal info), Skills (cards with level tags), Hobbies (achievement grid), Contact (info tiles + form), Footer with credits.

# FEATURES AND FUNCTIONALITY

RESPONSIVE, MOBILE-FIRST LAYOUT WITH GRADIENTS, ICONOGRAPHY, AND MOTION FOR VISUAL HIERARCHY.

SEMANTIC SECTIONS WITH ACCESSIBLE LABELS AND BUTTONS TO AID NAVIGATION AND CLARITY.

CONTACT BLOCK WITH FORM UI READY FOR BACKEND INTEGRATION AND A SMOOTH SCROLL TO-TOP INTERACTION.

# RESULT AND SCREENSHOT

The screenshot shows a dark-themed code editor interface with two tabs open: `index.html` and `# style.css`. The `index.html` file contains the structure of a portfolio website, including a header with navigation links and a hero section. The `# style.css` file contains the corresponding CSS styles. A floating panel on the right provides a tip for separating CSS from HTML, suggesting to move all custom CSS from the `<style>` block in `index.html` to `style.css` and link it in the `<head>`. The bottom status bar shows the file is 2 files changed, with `index.html` and `# style.css` listed. The status bar also includes information about the current file (Ln 239, Col 23), encoding (UTF-8), and port (Port: 5500). The system tray at the bottom shows the weather (34°C, Mostly sunny) and other system icons.

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8" />
    <meta content="width=device-width, initial-scale=1" name="viewport" />
    <title>JOTHI.V Portfolio</title>
    <script src="https://cdn.tailwindcss.com"></script>
    <link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.3/css/all.min.css" rel="stylesheet" />
    <link href="https://fonts.googleapis.com/css2?family=Inter:wght@400;600;700&display=swap" rel="stylesheet" />
    <link rel="stylesheet" href="style.css" />
  </head>

  <body class="bg-gradient-to-br from-[#f7f5ff] to-[#e6e0ff] min-h-screen flex flex-col">
    <!-- Header -->
    <header class="bg-[#f7f5ff] border-b border-[#d6d0ff] fixed top-0 w-full z-50">
      <nav class="max-w-7xl mx-auto px-10 sm:px-16 lg:px-16 flex items-center justify-between h-16">
        <a class="font-extrabold text-[#6f63ff] text-lg select-none" href="#home">JOTHI.V</a>
        <ul class="flex space-x-8 text-gray-600 text-sm font-medium">
          <li><a class="text-[#6f63ff] font-semibold" href="#home">Home</a></li>
          <li><a class="hover:text-gray-800" href="#about">About</a></li>
          <li><a class="hover:text-gray-800" href="#skills">Skills</a></li>
          <li><a class="hover:text-gray-800" href="#hobbies">Hobbies</a></li>
          <li><a class="hover:text-gray-800" href="#contact">Contact</a></li>
        </ul>
      </nav>
    </header>

    <!-- Hero Section -->
    <main id="home" class="flex-grow relative flex flex-col items-center justify-center text-center px-6 sm:px-10 lg:px-16">
      <!-- Decorative Circles with animation -->
      
      
      
      <!-- Hero Content with animation classes -->
    </main>
  </body>

```

# RESULT AND SCREENSHOT

This screenshot shows the initial state of a web development project in VS Code. The left panel displays the file structure under 'JOTHI' with 'index.html' and '#style.css' selected. The right panel shows the code editor with 'index.html' open, containing basic HTML structure for a resume. The status bar at the bottom indicates 'Ln 239, Col 23'.

```
<html lang="en">
  <body class="bg-gradient-to-br from-[#ff55ff] to-[#e6e0ff] min-h-screen flex flex-col">
    <section id="hobbies" class="bg-[#f8fafc] text-center text-gray-600 py-20 fade-in-up">
      <div class="max-w-7xl mx-auto px-6">
        <div class="flex flex-col md:flex-row gap-8 md:gap-12">
          <p class="text-[#4db4df] font-semibold mb-1">NMID</p>
          <p class="text-xs text-gray-400 select-text">993869f25cd028943f4604758c017f4</p>
        </div>
      </div>
    </section>
    <!-- Skills Section -->
    <section id="skills" class="bg-white text-center text-gray-600 py-20 fade-in-up" style="animation-delay:0.4s;">
      <div class="max-w-7xl mx-auto px-6">
        <h2 class="text-3xl font-extrabold text-indigo-600 mb-2">Skills & Expertise</h2>
        <p class="text-base max-w-xl mx-auto mb-16">Technical skills I've developed during my academic journey</p>
        <div class="flex flex-col sm:flex-row justify-center gap-8 max-w-6xl mx-auto">
          <div class="w-16 h-16 rounded-full bg-gradient-to-tr from-blue-500 to-indigo-600 flex items-center justify-center"></div>
          <h3 class="text-lg font-semibold text-black mb-1">Python</h3>
          <p class="text-sm text-gray-500 mb-4">Programming and automation</p>
          <span class="inline-block bg-indigo-600 text-indigo-600 text-xs font-semibold rounded-full px-3 py-1">View Details</span>
        </div>
        <div class="bg-white border border-gray-100 rounded-lg p-8 flex-1 max-w-sm mx-auto shadow-sm">
          <div class="w-16 h-16 rounded-full bg-gradient-to-tr from-orange-500 to-red-600 flex items-center justify-center"></div>
          <h3 class="text-lg font-semibold text-black mb-1">HTML</h3>
          <p class="text-sm text-gray-500 mb-4">Front-end development structure and markup</p>
        </div>
      </div>
    </section>
  </body>
</html>
```

This screenshot shows the state of the project after refactoring. The 'style.css' file now contains all custom CSS, while the 'index.html' file only contains basic HTML structure. The status bar at the bottom indicates 'Ln 1, Col 1'.

```
/* style.css > body */
body {
  @keyframes scaleIn {
    0% {
      opacity: 0;
      transform: scale(0);
    }
    100% {
      opacity: 1;
      transform: scale(1);
    }
  }
  .float {
    animation: floatAnim 4s ease-in-out infinite alternate;
  }
  @keyframes floatAnim {
    0% {
      transform: translateY(0);
    }
    100% {
      transform: translateY(20px);
    }
  }
}

/* index.html */
<html lang="en">
  <body class="bg-gradient-to-br from-[#ff55ff] to-[#e6e0ff] min-h-screen flex flex-col">
    <section id="hobbies" class="bg-[#f8fafc] text-center text-gray-600 py-20 fade-in-up">
      <div class="max-w-7xl mx-auto px-6">
        <div class="flex flex-col md:flex-row gap-8 md:gap-12">
          <p class="text-[#4db4df] font-semibold mb-1">NMID</p>
          <p class="text-xs text-gray-400 select-text">993869f25cd028943f4604758c017f4</p>
        </div>
      </div>
    </section>
    <!-- Skills Section -->
    <section id="skills" class="bg-white text-center text-gray-600 py-20 fade-in-up" style="animation-delay:0.4s;">
      <div class="max-w-7xl mx-auto px-6">
        <h2 class="text-3xl font-extrabold text-indigo-600 mb-2">Skills & Expertise</h2>
        <p class="text-base max-w-xl mx-auto mb-16">Technical skills I've developed during my academic journey</p>
        <div class="flex flex-col sm:flex-row justify-center gap-8 max-w-6xl mx-auto">
          <div class="w-16 h-16 rounded-full bg-gradient-to-tr from-blue-500 to-indigo-600 flex items-center justify-center"></div>
          <h3 class="text-lg font-semibold text-black mb-1">Python</h3>
          <p class="text-sm text-gray-500 mb-4">Programming and automation</p>
          <span class="inline-block bg-indigo-600 text-indigo-600 text-xs font-semibold rounded-full px-3 py-1">View Details</span>
        </div>
        <div class="bg-white border border-gray-100 rounded-lg p-8 flex-1 max-w-sm mx-auto shadow-sm">
          <div class="w-16 h-16 rounded-full bg-gradient-to-tr from-orange-500 to-red-600 flex items-center justify-center"></div>
          <h3 class="text-lg font-semibold text-black mb-1">HTML</h3>
          <p class="text-sm text-gray-500 mb-4">Front-end development structure and markup</p>
        </div>
      </div>
    </section>
  </body>
</html>
```

# RESULT AND SCREENSHOT

## S. KEERTHANA

BSc Computer Science 2nd Year

### Academic Information

Register No: 2D491DFE6762F3D823E42FD928011D9A

10th Marks: 238/500

12th Marks: 290/500

### Contact Details

College: Vel Tech Ranga Sanku Arts College

Phone: 9043148898

University: University of Madras

### Address

No:397/Ambedkar street grand line Redhills

# RESULT AND SCREENSHOT

## Skills

- Python
- HTML
- PowerPoint

## Languages

- Tamil
- English

## Hobbies

- Listening to music
- Singing

# CONCLUSION

Achieved a modern, recruiter-friendly personal site with clear content architecture and accessible UI.

Future upgrades: form backend/email API, projects page, SEO/meta tags, and cloud deployment.

The utility-first workflow enabled rapid iteration and consistent theming without heavy tooling.

# GITHUB LINK

project source code: