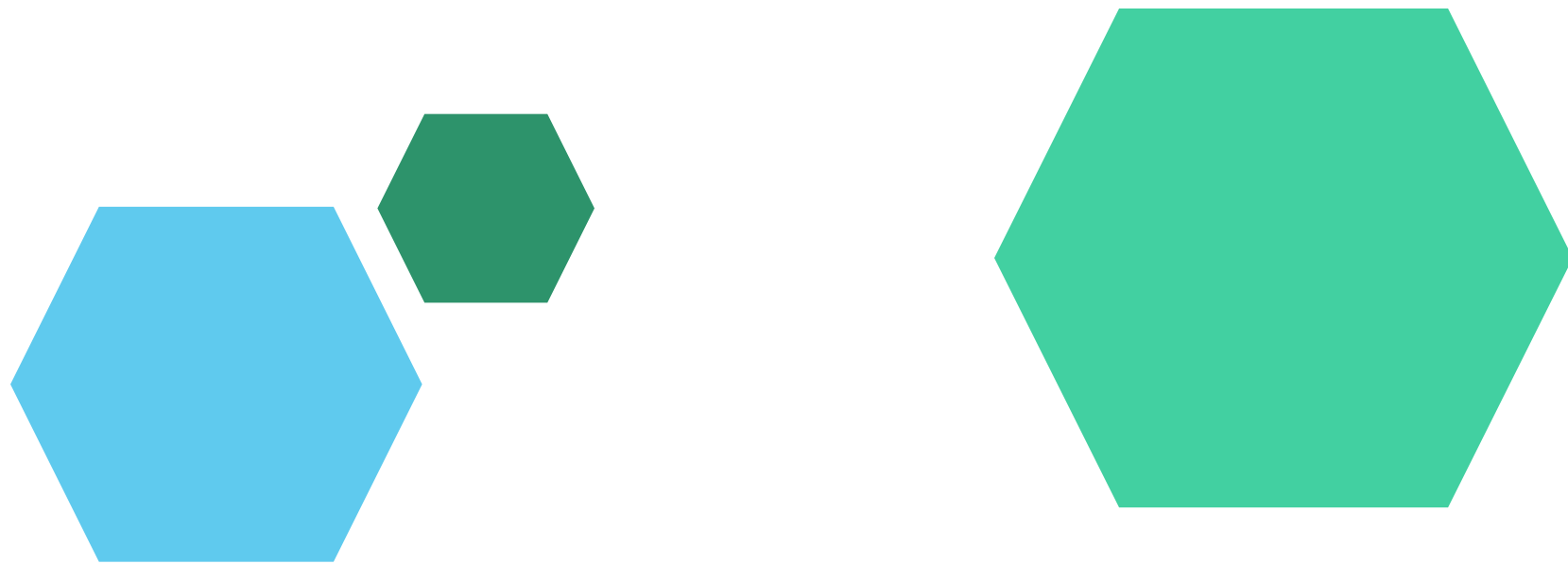


DIGITAL PORTFOLIO



STUDENT NAME: B.VINOTHINI

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DEPARTMENT: B.Sc COMPUTER SCIENCE

COLLEGE: VIVEKANANDA COLLEGE OF ARTS AND
SCIENCE FOR WOMEN.

(ANNAMALAI UNIVERSITY)

PROJECT TITLE

Student Portfolio

~frontend development

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

In today's competitive digital era, students and professionals need more than just a resume to showcase their skills. Traditional paper resumes lack interactivity, real-time updates, and creativity, making it difficult to stand out.

Benefits:

- ✓ Future growth
- ✓ Accessibility
- ✓ Personal branding



PROJECT OVERVIEW

1. A Student Digital Portfolio built using Frontend Web Development (HTML, CSS, JavaScript).
2. Provides an interactive and professional platform to showcase skills & projects.
3. Includes sections: About, Skills, Projects, Problem Statement, . End Users, Tools, Contact Form.
4. Features: Sticky Navbar, Dark/Light Mode, Responsive Design, Social Media Integration.
5. Acts as a digital resume & personal brand for students.
6. Helps in attracting recruiters, mentors, peers, and clients.



WHO ARE THE END USERS?

- **Recruiters** → to evaluate skills, projects, and technical abilities.
- **Teachers & mentors** → to track learning progress and provide feedback.
- **Peers & Collaborators** → to explore projects and collaborate on new ideas.
- **Client** → to view sample work before offering freelance opportunities.
- **Personal uses** → as a self-learning tool to practice and improve frontend development.



TOOLS AND TECHNIQUES

1. **HTML5** → to structure the webpage content.
2. **CSS3** → for styling, layout, and responsive design.
3. **JavaScriptES6** → for interactivity, toggle features, and form validation.
4. **Responsive Design Techniques** → media queries, grid, and flexbox for mobile-friendliness.
5. **Sticky Navigation & Dark/Light Mode** → to improve user experience.
6. **Placeholder Images (picsum.photos)** → to display profile and project visuals.
7. **Icons (Font Awesome)** → for social media links and navigation clarity.
8. **Code editor** → codepen



PORTFOLIO DESIGN AND LAYOUT

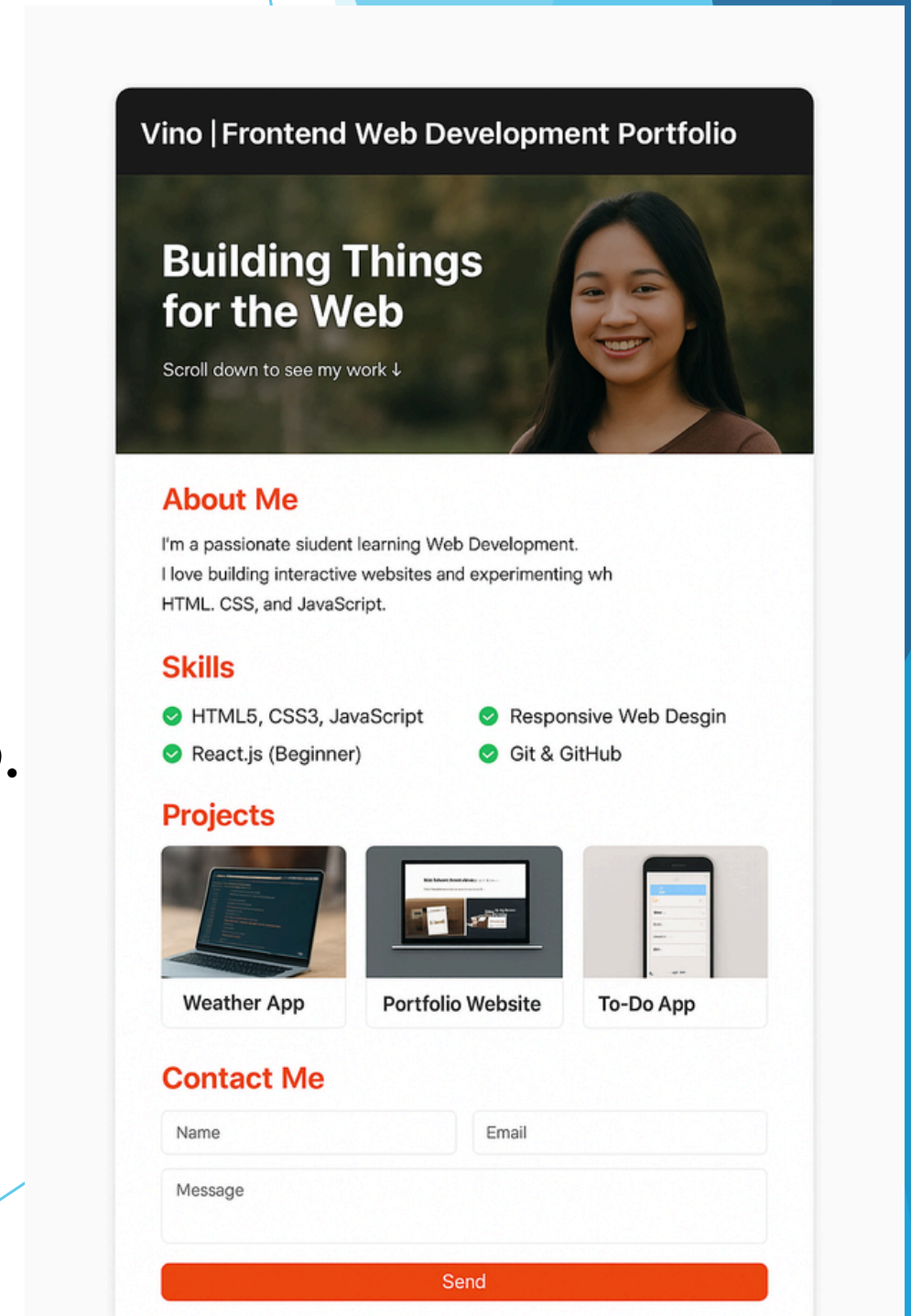
Header & Navbar → A sticky navigation bar at the top with links to different sections (Home, About, Skills, Projects). Includes dark/light mode toggle and social icons.

Hero Section → A large background image with overlay text and a tagline ("Building Things for the Web").

Profile Section → Circular profile avatar with name and short intro.

About Section → Brief intro about you as a student and aspiring web developer.

Skills Section → A list of core technologies (HTML, CSS, JSS, etc.).



Portfolio layout and design

forms and fields

Name → to identify the sender.

Email → to reply back to the sender.

Message → to capture the actual query.

Submit Button → triggers form validation
and shows confirmation.

✅ (Optional Additions for More Professionalism):

Subject → e.g., "Job Opportunity",
"Collaboration", "General Query".

Phone Number → if you want direct
communication.

FEATURES AND FUNCTIONALITY

1. Sticky Navigation Bar:

Always visible while scrolling. Provides quick access to sections (Home ,etc)

2. Dark/Light Mode Toggle:

Switch between two themes for better accessibility. Saves user preference.

3. Hero Section with Background Image:

Engaging intro with tagline ("Building Things for the Web").

4. Profile & About Section:

Profile avatar with short bio.

5. Skills Section:

Lists technical skills (HTML, CSS, JavaScript, etc.).r

RESULTS AND SCREENSHOTS

Successfully developed a responsive and interactive student portfolio using HTML, CSS, and JavaScript.

Implemented sticky navigation, dark/light toggle, and social media integration for better usability.



Before (Before building the
HTML/CSS/JS)

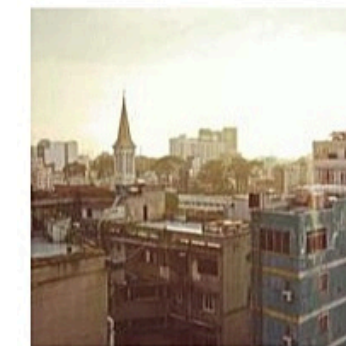
vino

- [About](#)
- [Skills](#)
- [Projects](#)
- [Contact](#)



Hi, I'm vino 🖐️

Aspiring Web Developer | Student | Tech Enthusiast



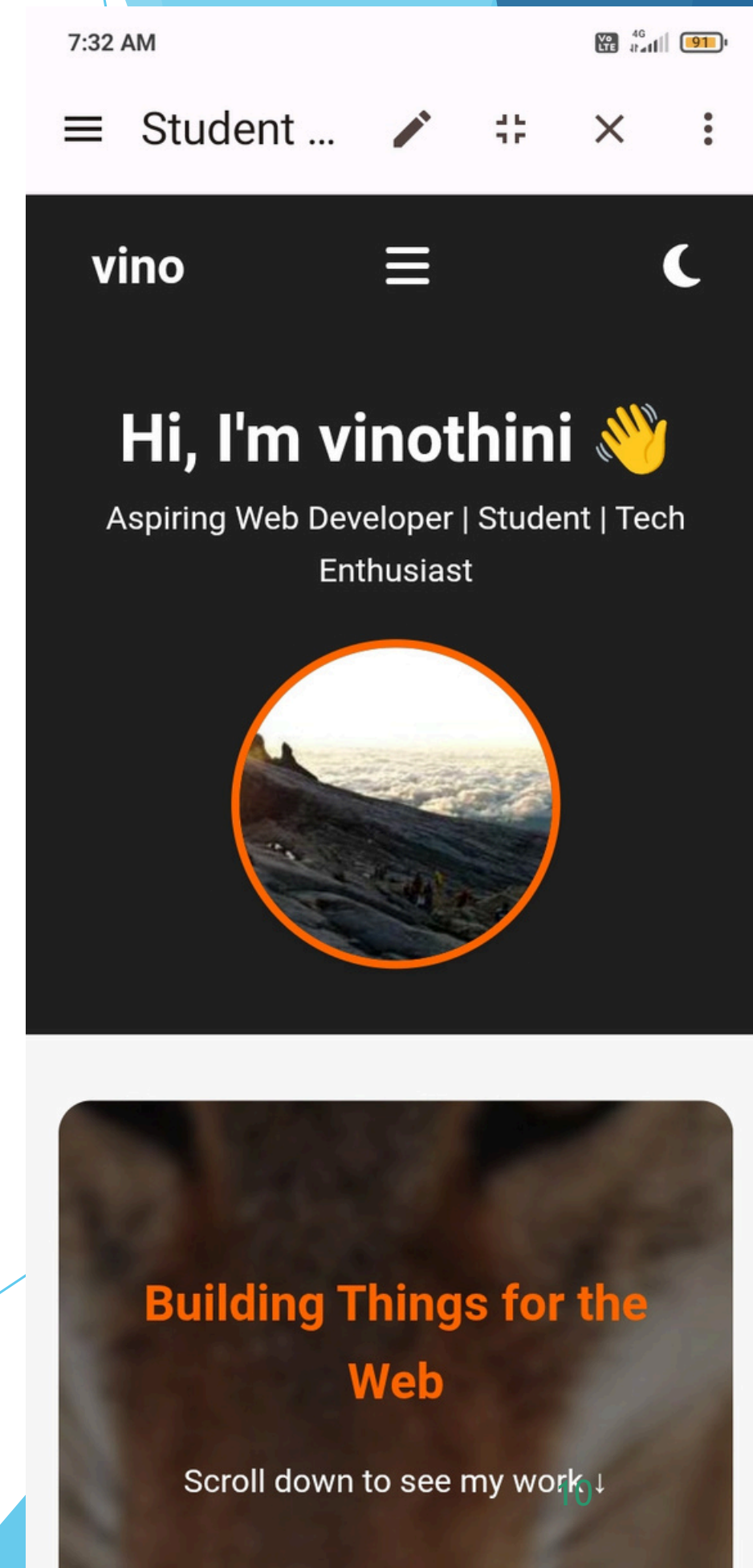
Building Things for the Web

Scroll down to see my work ↓

RESULTS AND SCREENSHOTS



After (After implementing HTML
/ CSS / JavaScript)



CONCLUSION

Developed a modern, responsive student portfolio using HTML, CSS, and JavaScript.

Improved professional visibility with structured sections (About, Skills, Projects, Contact).

Enhanced user experience through interactivity (toggle, sticky navbar, validation).

Acts as a digital resume & personal branding tool for students.

CONCLUSION

GIT AND GITHUB LINK

https://github.com/vinothini-b-28/B.vinothinics24_DP.git