DIGITAL PORTFOLIO

STUDENT NAME : SANTHOSH N

REGISTER NO: 20324u09076

NMID: 3D72B09D36426009F2F4EED5EAB50E29

DEPARTMENT: BCA

COLLEGE: DR.M.G.R.CHOCKALINGAM ARTS COLLEGE

UNIVERSITY: THIRUVALLUVARUNVERSITY

PROJECT TITLE

DIGITAL PORTFOLIO

AGENDA

Problem statement

Project overview

End users

Tools and Technologies

Portfolio design and Layout

Features and Functionality

Results and Screenshots

Conclusion

PROBLEM STATEMENT

Problem Statement: Students in rural areas often lack access to quality digital learning resources.

Purpose: To develop a low-cost, offline-first educational app for rural .

Details:

Existing solutions are either too expensive or require constant updates.

The proposed app will offer downloadable content, quizzes.

PROJECT OVERVIEW

 Project Objective :Develop comprehensive pre-production designs for a new product line, ensuring alignment with brand goals and target market needs.

 Scope: The project includes concept design, prototype creation, material selection, and finalizing product specifications.

 Key Deliverables: High-fidelity prototypes, design mockups, and detailed technical specifications.

 Timeline: The project will be completed over a 3-month period, with key milestones at the end of month 1 and month 2 for review.

Team Involved: A cross-functional team including designers, engineers, and marketing specialists.

END USERS

Target Users: The product is designed for young professionals aged 25–40.

User Needs: Prioritizes ease of use, modern design, and functionality.

User Benefits: Enhances productivity and simplifies daily tasks.

Feedback Loop: Continuous user testing ensures the design meets expectations.

Outcome: A user-centered product that delivers a seamless

TOOLS AND TECHNOLOGIES

Design Tools: Adobe XD, Figma, and Sketch for UI/UX design.

Tools: Visual Studio Code, GitHub, and Docker for coding and collaboration.

Technologies Used: HTML5, CSS3, JavaScript, and React for front-end; Node.js for back-end.

Testing Tools: Jest, Selenium, and Postman for automated and manual testing.

Deployment: AWS and Firebase for hosting and cloud services

PORTFOLIO DESIGN AND LAYOUT

Clean and Minimalist Aesthetic: on a simple, visually appealing design that highlights key projects without distractions.

Responsive Layout: Optimized for both desktop and mobile views, ensuring accessibility across devices.

Interactive Elements: Hover effects and smooth animations to enhance user engagement and experience.

Project Showcase : Featured sections for featured projects, skills, and a personal bio with easy navigation.

FEATURES AND FUNCTIONALITY

Feature: describe the qualities or characteristics of system.
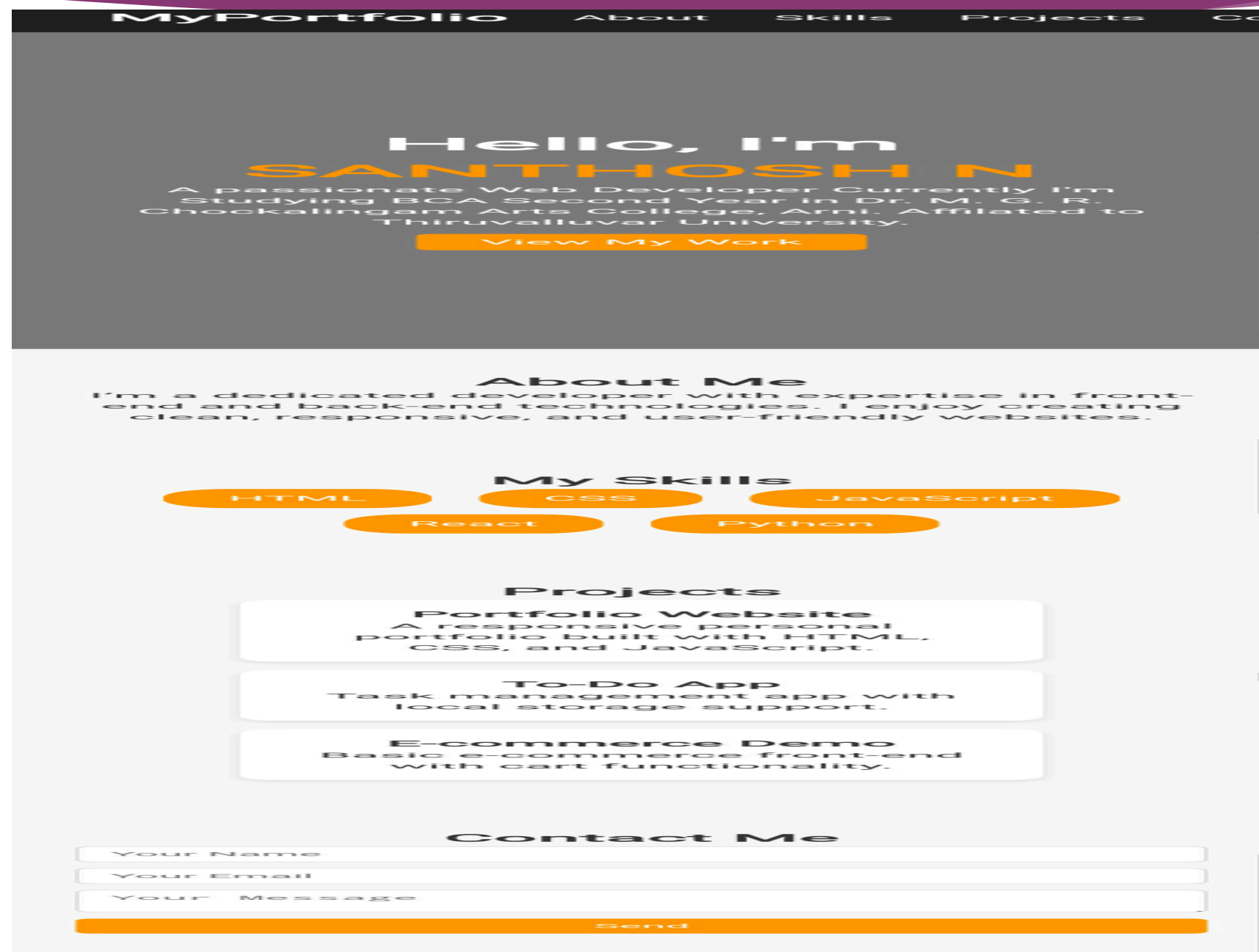
Functionality: defines the specific takes or operations the systems can perform.

Feature attract : user while functionality ensure practical usability and performance.

RESULT

A digital portfolio server as a powerful tool showcase skills, achievement Project and personal growth in a professional and organized manner. It is a Highlights both academic and practical experiences , making it easy for the Employers , educators , or peers to evaluate one's abilities.

SCREENSHOT/OUTPUT

CONCLUSION

In conclusion, this work provides a clear understanding of the key concepts and their application. Its highlights the importance of knowledge, practice and proper implementation in achieving better outcomes.

Overall it serves as a useful foundation for further learning and development.

GITHUB LINK

https://santhosh20324u09076-hash.github.io/Digital-portfolio/

https://github.com/santhosh20324u09076-hash/Digital-portfolio.git

THANK YOU….