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JAVA PROJECT

1.Career Information Management System

2.Course Mangement System

3.Web Server Management System

AGENDA

Problem Statement
Project Overview
End Users
Tools and Technologies
Portfolio design and Layout
Features and Functionality
Results and Screenshots.
Conclusion
Github Link

PROBLEM STATEMENT

Managing career-related information manually using paper-based or basic digital files often leads to data loss, duplication, and difficulty in tracking individual progress. There is no centralized system to efficiently store, update, and generate reports on career growth, making it hard for students, employees, and HR managers to manage and access accurate career data.

Educational institutions face challenges in handling student registrations, course scheduling, and faculty assignments when using manual processes. Paper-based systems or spreadsheets are prone to errors, time-consuming, and lack transparency. Students and teachers need a more reliable way to enroll, manage, and access course details in real-

Organizations running multiple web servers often face issues in monitoring server health, uptime, and usage. Manual monitoring is inefficient and increases the risk of downtime, security breaches, and system failures. Without an automated management system, administrators struggle to manage resources, logs, and server configurations effectively.

PROJECT OVERVIEW

*Maintains and manages career-related data of students/employees.

*Provides career guidance and progress tracking.

*Helps organizations maintain records digitally.

WHO ARE THE END USER

Students/Employees → to manage their career records and track growth

Career Counselors/HR Managers → to guide and update career progress

Administrators → to maintain the database and generate reports.

Students → to register, enroll, and view courses.

Teachers/Faculty → to manage subjects, schedules, and student performance

Administrators → to add, update, or delete courses, and manage enrollment data

System Administrators (Admins) → to monitor, configure, and control servers

Developers → to deploy and test applications on the server

Organizations/IT Teams → to ensure uptime, security, and server performance

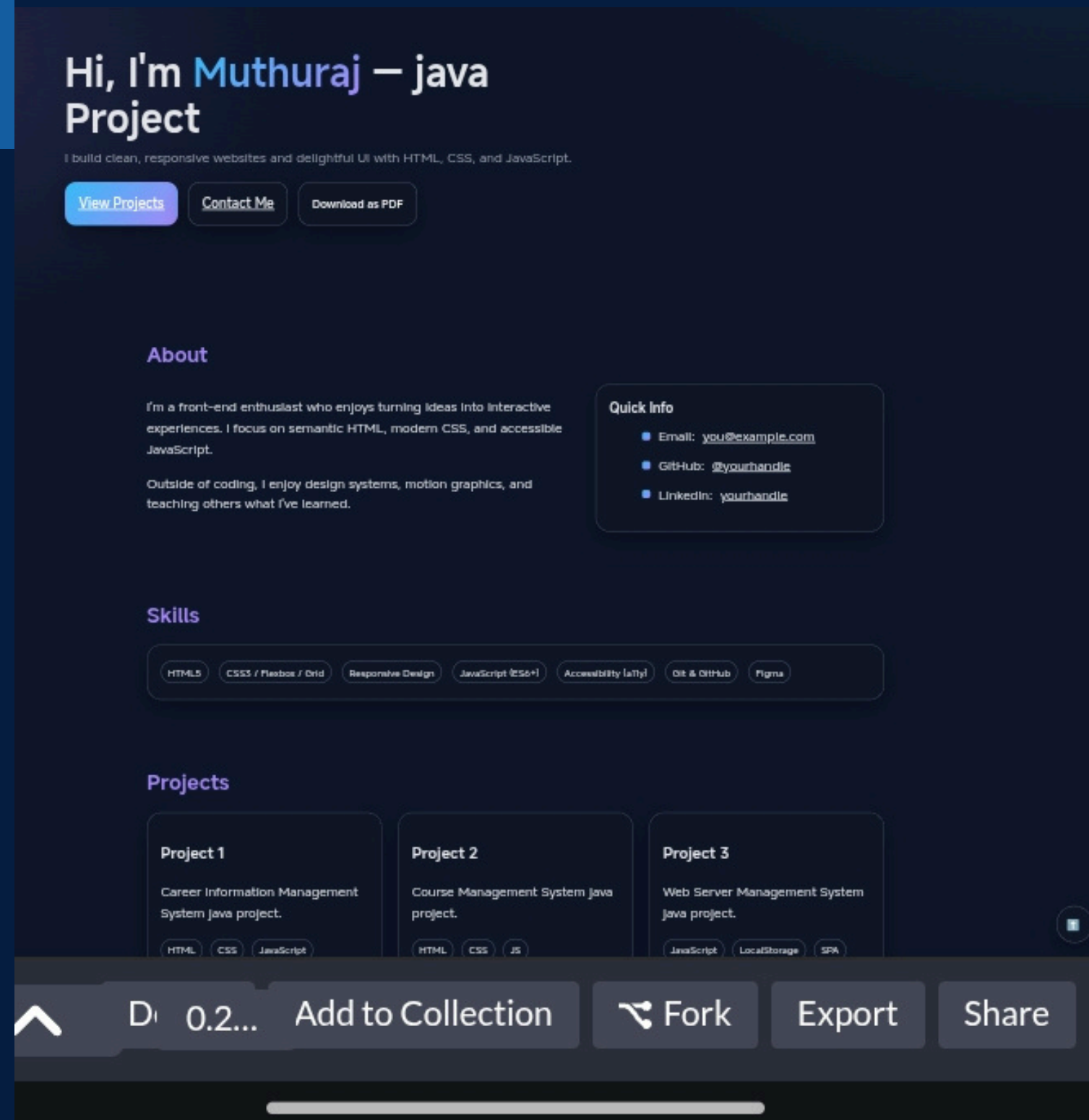# PORTFOLIO DESIGN AND LAYOUT

Header / Navigation
Your Name (e.g., Muthuraj)
Navigation Links: About | Skills | Projects

FEATURES AND FUNCTIONALITY

- User login and authentication

- Profile management

- Career growth tracking

- Report generation

RESULT AND SCREEN SHOT

- # CONCLUSION

*These Java projects improve management and
automation.
Enhance efficiency for students, institutions, and
organizations.
Demonstrates practical applications of Java
programming skills.*