

# JAVAPROJECT

- Student Name:K.Muthuraj
- Register No:asbru112422k2681
- NMID:704B8C46841AA9FAE3841AFA0F03BBA3
- Department:B.Sc.Computer Science
- College: Arts College Udhagamandalam
- University: Bharathiyar University

# PROJECT TITLE

1. Career Information Management System
2. Course Management 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

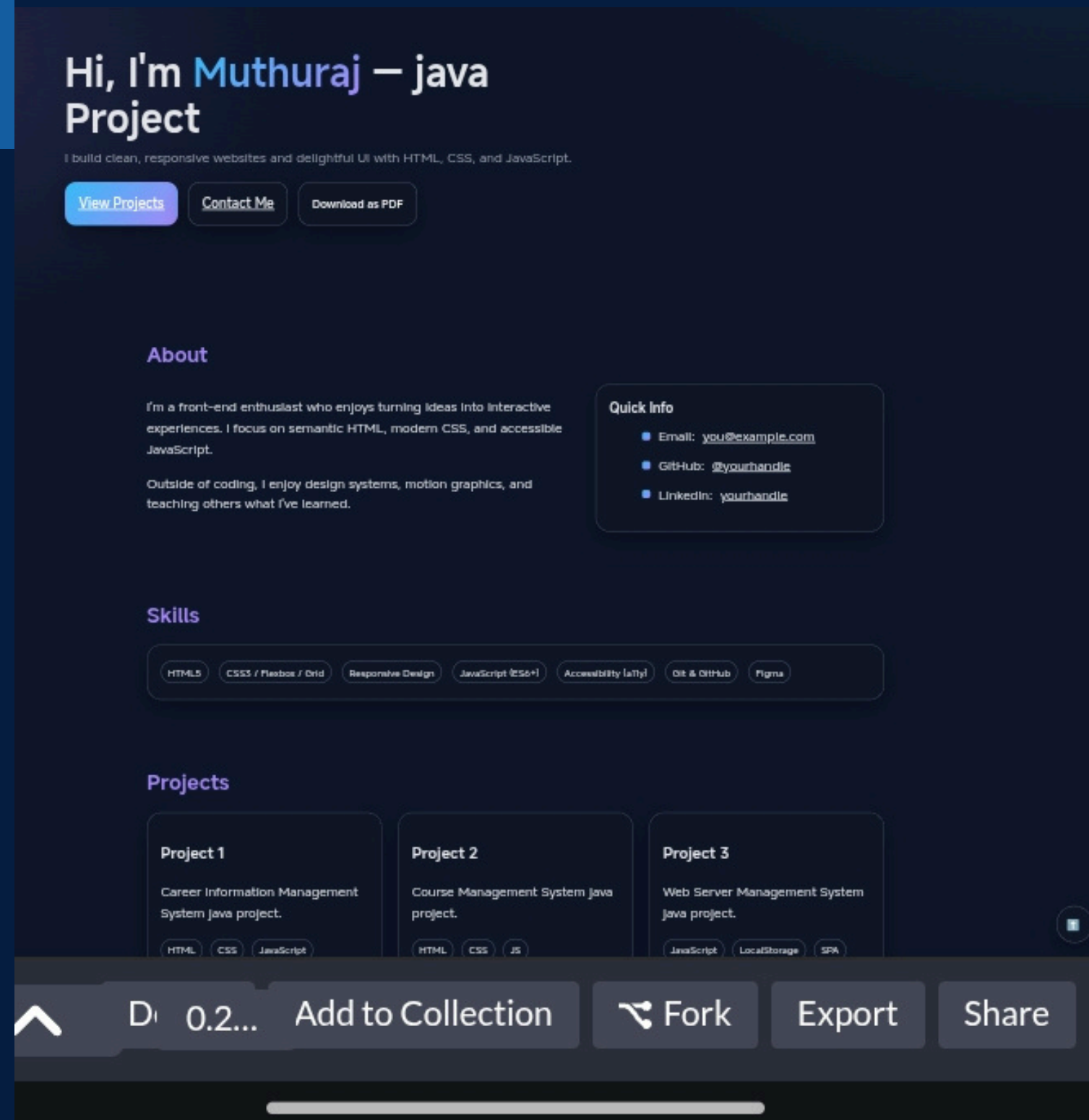
Your Name (e.g., Muthuraj)

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# 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.*