

Sathya Shree L - Portfolio

Contact Information

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Objective

To secure an entry-level position in the IT industry where I can utilize my academic knowledge, technical skills, and passion for technology to contribute to organizational growth while advancing my professional career.

Education

- Sri Krishna Arts and Science College (2023 - 2026)
B.Sc. in Information Technology (Pursuing)
- Sri Suka Brahma Maharishi Vidyalayam (2023)
HSC - 77%

Technical Skills

- Programming Languages: Python, Java, C++
- Web Development
- Database Management: SQL, MySQL
- Problem-Solving and Analytical Skills
- Strong Communication and Team Collaboration

Certifications & Activities

- Coursera: IBM Data Science
- NPTEL: Developing Soft Skills
- Great Learning: Linux Tutorial, Database Management System

Project - Super Mario Bros (Capstone Project)

Introduction

Super Mario Bros. is a 2D side-scrolling action game where players navigate the Mushroom Kingdom to rescue Princess Toadstool from Bowser.

Project Overview

- Project Type: Comprehensive Computer Studies Project
- Team Members: Sathya Shree L, Deena Lawrence H
- Guide: Mrs. Nalini M, M.Sc., M.Phil., (Ph.D.), Assistant Professor

Key Features

- 2D side-scrolling mechanics
- Character-driven gameplay with Mario & Luigi
- Power-ups like Super Mushroom, Fire Flower, and Starman
- Unique level designs across different worlds

Technologies & Tools Used

- Programming: Python, Java
- Database: MySQL
- Development Environment: Visual Studio Code

Future Enhancements

- Improved AI for enemy movements
- Additional levels with advanced challenges
- Multiplayer mode for enhanced user engagement

Conclusion

This project provided valuable experience in game development, problem-solving, and teamwork, reinforcing my passion for software development. The learnings from this project will help me contribute effectively to the IT industry.