

NIPUN HIMASH

W E D I S I N G H E

U N D E R G R A D U A T E



CONTACT

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PROFILE

I am a fourth year Undergraduate at University of Sri Jayewardenepura and I'm willing to be an innovative, passionate and a professional in my field who is ready to face challenges while shouldering responsibilities. I intend to pursue a career in which I can utilize my knowledge, soft skills and social skills to exercise the highest standards of professionalism, while gaining a sense of achievement and working for the overall betterment of society.

EDUCATION

- BSC (HONS) IN COMPUTER SCIENCE
University of Sri Jayewardenepura
- DIPLOMA IN INFORMATION TECHNOLOGY
Esoft metro campus, Panadura.

ONLINE CERTIFICATIONS

- ORACLE CLOUD INFRASTRUCTURE FOUNDATIONS CERTIFIED ASSOCIATE
- GOOGLE DATA ANALYTICS CERTIFICATION COURSERA
- MACHINE LEARNING STANFORD UNIVERSITY COURSERA

SKILLS

- PROGRAMMING SKILLS
- C
 - Java
 - Python
 - R
 - HTML
 - CSS
 - SQL
 - JavaScript

PROJECT EXPERIENCE

HOTEL MANAGEMENT SYSTEM

This system allows a user to book a hotel room and order room service by interacting with the website. Also managing staff can keep track of the reservations, orders, and the users who signed in as customers.

- Backend was created by using Java Springboot with OOP concepts
- with REST APIs for CRUD operations
- Frontend developed by using HTML, CSS and JavaScript

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SKILLS

TECHNICAL SKILLS

Adobe Photoshop
Adobe Illustrator
Adobe XD
Adobe Premier Pro
Microsoft Excel

Sports

Badminton
Swimming
Cricket
Carrom

PROJECT EXPERIENCE CONTINUED

FIREFLY ALGORITHM FOR TSP PROBLEMS

Created a implementation for discrete type "travelling salesman problem" using the original research artical of authors

- Used the benchmark problem repository TSPLIB
- Model was able to get <98% accuracy for all TSPLIB instances
- Using Octave open source language

TIC TAC TOE GAME WITH AI

Created a Tic Tac Toe game using object oriented programming concepts and integrated a AI bot to play with .

- Used python to create the game
- To create the bot i used MINIMAX algorithm where bot tries to maximize its reward at each play

INTERESTS



Gaming



GYM



Swiming



Running



Cycling