Sudhara Dhananjaya

📱+94 71 767 2813   ✉ sudharad7@gmail.com   🔗 LinkedIn   🌐 GitHub   💼 Portfolio   📍 Matara, Sri Lanka

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EDUCATION

BSc (Hons) Computing | Wrexham Glyndwr University, Wrexham | Second Upper Division

NDT in Information Technology | Institute of Technology, University of Moratuwa | GPA 3.36/4.0

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PROJECTS

Skin Infection Detection Assistant | Deep learning and Image processing-based system to detect skin diseases by analyzing images (CNN / Image Processing / Python / Open CV)

Movie Recommendation System | A machine learning-based system that suggests similar movies based on user input (Python / NumPy / Pandas / sklearn)

Handwritten Digit Recognition-MNIST | System that can accurately recognize and classify handwritten digits (Python / NumPy / Pandas / sklearn)

House Price Prediction | A machine learning-based system that predicts house prices based on various features and attributes (Python / NumPy / Pandas / sklearn / Matplotlib)

Travel Mobile Application and Admin Dashboard | A comprehensive travel solution that includes a mobile application for users and an admin dashboard for managing travel-related functionalities. (Flutter/ Firebase)

Fitness Mobile Application | A comprehensive mobile application designed to help users track and manage their fitness activities. (Java)

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SKILLS

Programming Languages | Python

Data Analysis and Visualization | Pandas, NumPy, Matplotlib, Seaborn

Machine Learning | Scikit-learn, TensorFlow, Keras, PyTorch

Big Data Tools | PySpark

Database Technologies | Relational Databases (MySQL), NoSQL Databases (MongoDB)

Deep Learning | Neural Networks, CNN

Data Science Methods/Algorithms/Process | Supervised Learning, Unsupervised Learning, Time Series Analysis, Linear Regression, Decision Trees, Random Forest, Clustering, Neural Networks, Problem Formulation, Data Collection, Feature Selection, Model Training, Model Evaluation

Web Application Development: Streamlit

Other | Version Control(Git, GitHub), Cloud Platforms(Microsoft Azure)

Soft Skills | Self-Directed Learning, Team Player

Languages | English, Sinhala

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EXPERINCE

Virtusa (Pvt) Ltd| Quality Assurance Engineer Internship (08/2021 – 04/2022)

Test Design, Manual Testing – British Telecommunications Project

Arimac Lanka (Pvt) Ltd| Quality Assurance Engineer Internship (08/2022 – 02/2023)

Performance Testing, Mobile Testing – People's Bank Project, Sampath Bank Project, Rocell Bathware.lk, Sri Lankan Airline Project, SLT Mobitel Project

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COURSEWORK

Data Science with Python | University of Colombo School of Computing
Programming in Python - Python Programming | University of Moratuwa
100 Days of Code: The Complete Python Pro Bootcamp | Udemy
Introduction to Data Science | SkillUP / simplilearn
Introduction to Artificial Intelligence | SkillUP / simplilearn
CI/CD for Beginners | SkillUP / simplilearn
Python Libraries for Data Science | SkillUP / simplilearn
Git and GitHub Crash Course | Udemy
ISTQB - Foundation Level Certified Tester Examination (FL-CT) | ISTQB®
HTML5 and CSS Fundamentals | edX
Learn MySQL - For Beginners | Udemy
Learn JavaScript - For Beginners |Udemy
Teamwork & Collaboration | Rochester Institute of Technology | edX
Critical Thinking & Problem Solving | Rochester Institute of Technology | edX
Business Communication | Rochester Institute of Technology | edX

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OTHER

Microsoft Build: Azure AI Challenge 2023
Hacktoberfest challenge - 2022

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REFEREES

Ms. Hasini Witharana
Quality Assurance Engineer
Arimac Lanka (Pvt) Ltd
+94 76 422 2063
hasini.witharana@arimaclanka.com

Mr. Ishara Dilshan
Software Engineer
R S Metrics Asia Holdings
+94 71 956 2229
isharad@rsmetrics.com