

Nimantha Kasun Jayasooriya

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PROFILE

Motivated undergraduate with a passion for data science, equipped with a solid foundation in statistics, programming, and machine learning. Proficient in Python, R, and SQL, with experience in data analysis, visualization, and machine learning model development. Eager to apply analytical skills to solve complex problems and drive innovation. In addition I have a strong background in software development and a focus on building scalable and efficient solutions. Proficient in multiple programming languages, frameworks, and development methodologies. Skilled in full-stack development, API development, and software testing. Committed to delivering high-quality code and driving innovation.

WORK EXPERIENCE

Data Science Trainee (Internship)

2023 Aug - 2024 Feb

Ceylon Electricity Board - Head Office

ML Development | Python API Development | MySQL | PHP | Azure VDR | Rasa Framework | Git Version Control | Codeigniter | API Testing | Python Flask Web Application | Postgresql | Node.js

EDUCATION

BSc (Hons) in Data Science (Undergraduate)

2020 Feb - 2024 Feb

SLTC Research University - GPA: 3.1

Relevant Modules:

Blockchain | Machine Learning | Data Warehousing | Deep Learning | Artificial Intelligence
|Data Structures and Algorithms | Cloud Computing | Big Data | Virtualization and Containers

G.C.E(A/L) Examination

2019

Ibbagamuwa Central College - Z-Score: 1.8

ICT – A Business Studies – A Accounting – A English – C

G.C.E(O/L) Examination

2016

Ibbagamuwa Model School

Mathematics – A English – C ICT – B

Projects

Cloud Based Online Attendance Monitoring System

Developed an online attendance monitoring system for the education sector enabling real-time tracking.

Technologies: PHP, HTML, CSS, JavaScript, MySQL, Azure Cloud Service

Diabetes Prediction System with Most Significant Factors

Conducted research on significant factors for diabetes prediction and implemented a prediction system with a chatbot.

Technologies: Python, Flask, HTML, CSS, JavaScript

Aloka Chatbot

Developed "Aloka," a chatbot to streamline communication for the Ceylon Electricity Board.

Technologies: Python, Flask, Neural Network ML Model, HTML, CSS, JavaScript

StopGap Automation Reporting System

Developed an application for automate get meter reading, analysis, and report generation for electricity distribution points.

Technologies: PostgreSQL, Express, React, Node

SKILLS

Programming Languages: Python , R , PHP

Web Development: HTML , CSS , JavaScript , Python Flask

Database Management: MySQL , PostgreSQL

Data Analysis and Visualization: Matplotlib , Seaborn , Tableau , PowerBI

Tools and Libraries: Jupyter Notebooks , Git , TensorFlow , Pandas , Rasa , Docker , Postman ,
Azure

COURSES AND CERTIFICATIONS

Introduction to Microsoft Azure Cloud Services - Microsoft

Foundation of User Experience (UX) Design Course - Google

Cloud Computing Application Part 1: Cloud System and Infrastructure Course - University of Illinois at Urbana

CYBERHAT 1.0 Cybersecurity and Ethical Hacking Online Workshop - IEEE Computer Society

Basic Leadership & Positive Thinking Development Course - Ministry of Education and National Cadet Corps

Introduction to Big Data Course - University of California San

Introduction to Cyber Security Course - Cisco

NDG Linux Unhatched Course - Cisco Networking Academy