Nimantha Jayasooriya

Nationality: Sri Lankan 📞 **Phone number:** (+46) 764316158

✉ **Email address:** nimanthakj@gmail.com

in **LinkedIn:** www.linkedin.com/in/nimantha-kasun-43b150171

🌐 **Website:** https://nimantha2000.github.io/NimanthaPortfoio.github.io/

📍 **Home:** Ryska Gränd 13b Visby, Gotland, 621 56 Visby (Sweden)

ABOUT ME

I am a passionate data scientist and software engineer with a solid foundation in statistics, programming, and machine learning. Proficient in Python, R, and SQL, I have experience in data analysis, visualization, and machine learning model development. I also have a strong background in software development, focusing on building scalable solutions, full-stack development, and API integration. I am committed to delivering high-quality code and leveraging my skills to solve complex problems and drive innovation.

WORK EXPERIENCE

Software Engineer

Multidisciplinary AI Research Center – University of Peradeniya [03/2024 – 08/2024]

City: Peradeniya | **Country:** Sri Lanka

Responsibilities -
-Worked as a Server Administrator in the engineering department server , managing and maintaining server infrastructure.
-Designed, developed, and maintained the official website for the Multidisciplinary AI Research Center (MARC).
-Develop cutting-edge AI solutions in areas such as Education, Healthcare, Climate Change, Agriculture, and Management.
-Collaborate with a diverse team of researchers and professionals across disciplines, contributing to high-impact AI research and applications.
-Utilize advanced data analytics and machine learning techniques to extract meaningful insights and inform research decisions.
-Develop the web platforms and dashboards for open data sharing and dissemination of knowledge.
-Assist in conducting different events, meetings, and workshops organized by MARC.
-Assist in the dissemination of the output of the research in conferences and journals.
- Assist the Director of the project with the day-to-day management functions and financial reporting.

Data Science Trainee(Internship)

Ceylon Electricity Board - Head Office [08/2023 – 02/2024]

City: Colombo - 02 | **Country:** Sri Lanka

- Developed AI Chat Assistance for CEB Using Rasa Framework.
- Conduct CEB payment gateway modification, debugging, testing, and UX modifications.
- Develop a Web Scraper using Python for scraping data from different websites related to CEB.
- Analyzed and categorized datasets of distribution point meters in the grid and developed a program to automate filter necessary Data to prepare reports using PERN stack.
- Worked with CEB databases and Worked with PostgreSQL.
- Develop new APIs using Python, Work with CEB SOAP and REST APIs, and conduct API Testing.
- Conduct Git version control, Web Application Deployment, and Work with Docker.
- Work with Azure Virtual Data Room.

EDUCATION AND TRAINING

BSc (Hons) in Data Science
SLTC Research University [02/2020 – Current]

City: Padukka | **Country:** Sri Lanka | **Final grade:** 3.1 GPA

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
Ibbagamuwa Central College [2019]

City: Ibbagamuwa | **Country:** Sri Lanka | **Final grade:** Z -Score : 1.8

- Information and Communication Technology - A
- Business Studies - A
- Accountant -B
- English - C

G.C.E(O/L) Examination
Ibbagamuwa Central College

City: Ibbagamuwa | **Country:** Sri Lanka

(3A's ,4B's and 2C's)
- Mathematics - A
- ICT - B
- English - C

DIGITAL SKILLS

Programing Languages
Python / PHP / R / Node.js

Web Development
HTML / Python Flask / CSS

Database Management
MySQL / PostgreSQL

Data Analysis and Visualization
Matplotlib / Seaborn / Power BI / Tableau

Tools and Libraries
Jupyter Notebooks / Git / TensorFlow / Pandas / java script / Azure / Postman

PROJECTS

Developed MARC Official Web Site for University of Peradeniya Develop Multidisciplinary AI Research Centre website for the University of Peradeniya.
Technologies: HTML, CSS, JavaScript

Diabetes Prediction System with Most Significant Factor 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," chatbot for the Ceylon Electricity Board website.
Technologies: Python, Flask, Neural Network ML Model, HTML, CSS, JavaScrip

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

StopGap Automation Reporting System Developed an application to automate geting meter readings, analysis, and report generation for electricity distribution points in Ceylon Electricity Board.
Technologies: PostgreSQL, Express, React, Node