



Contact

+94 713317531

shaniabeywickrama294@gmail.com

<https://github.com/shaniAbeywickrama>

www.linkedin.com/in/shani-abeywickrama-01853b183

No.74/2, Talwatta, Gonawala,
Kelaniya

Technical Skills

Web development

HTML, CSS, Bootstrap, Tailwind css,
, Javascript, ReactJS, Vue Js
PHP, Python, Javascript, Java, C++

Databases

MySQL, Microsoft SQL Server,
PostgreSQL, MongoDB

Python packages & Frameworks

Scikit-learn, TensorFlow,
Keras, Pandas, NumPy, Matplotlib

Other

Jira, Docker, Figma, Python, Data
visualization, Supervised learning
algorithms, Unsupervised
learning algorithms, ANN,
Feature selection & extraction,
Data warehousing, Microsoft
Excel, Microsoft Power BI, Azure
Machine Learning Studio

Shani Abeywickrama

A self-motivated and hardworking individual, who is willing to learn new concepts and gain experience, with a great passion for developing software solutions, while facing challenges in the industry successfully. I am always seeking a challenging role in an organization where I can apply my knowledge and contribute to the company's advancement while continuing to develop my skills.

Experience

August 2023 - Present

Imperial Edutech | Sri Lanka

Associate Front-end Developer

- Front-end development of a study website using Vue JS and Tailwind.
- Front-end development of a gel website using bootstrap5.

December 2022 - August 2023

Capricon Solutions | Sri Lanka

Intern Front-end Developer

- Front-end development of an order management and manufacturing platform using React, Redux

August 2021 - January 2022

Atlas Axillia | Peliyagoda, Sri Lanka

IoT Trainee Internship

- Front-end development of an IoT platform to monitor real-time KPIs of machine-related operations using React, React-Bootstrap
- Reprogramming HMIs to obtain and calculate KPI-related machine metrics.
- Developed PowerBI Dashboard to analyse historical data.

Academic Qualifications

- B.Sc. (Hons) in Management and Information Technology specializing in Information Technology - University of Kelaniya - (2019-2023)
- G.C.E. Advanced level examination - Common Stream (Mathematics, Physics, ICT) - Embilipitiya President College (2013-2017)

Projects

2022 - 2023

A data warehouse design for a Brazilian e-commerce public dataset (Group Project)

- Designed complete end-to-end full star schema data warehouse using Microsoft SQL server (T-SQL).
- Handled ETL process by using SSIS
- Reporting part was handled by using PowerBI

Soft Skills

TeamWork	<div><div></div></div>
Logical thinking	<div><div></div></div>
Communication	<div><div></div></div>
Problem solving	<div><div></div></div>

Interests

- Dancing
- Spending time with dogs

Languages

- Sinhala
- English

- 2021 - 2022
A dashboard to monitor real-time KPIs of machine-related operations (During the internship)
 - Front-end Development of a dashboard to monitor real-time KPIs of machine-related operations using React, React-Bootstrap
- 2020 - 2021
Web-based Bidding System - (University Individual Project)
 - Designed a completely full end-to-end web-based bidding system using PHP, MySQL

Research

2023
Forecasting Electricity Demand in Sri Lanka by Using Weather Patterns through a Machine Learning Approach.

This research was done as undergraduate research under the supervision of lecturer Mr. Dinesh Asanka. This research was conducted to identify the best-fitting machine learning model for forecasting electricity demand in Sri Lanka.

Publications

Integrating Weather Patterns into Machine Learning Models for Improved Electricity Demand Forecasting in Sri Lanka

The research publication has been indexed in IEEE Xplore, Co-authored with lecturer Mr. Dinesh Asanka, presented at the University of Kelaniya's International Research Conference on Smart Computing and Systems Engineering -SCSE 2023 Sri Lanka.

Professional Qualifications

Certificate Course in Java - Dekma Private Institute(2018)

Online Certifications

- Python Basics for Data Science (edX) - (2021)
- Machine Learning for Data Science and Analytics (edX) - (2021)
- CS50's Introduction to Artificial Intelligence with Python online course (edX) - (2021)

Extra-Curricular Activities

- Hack Like a Girl Women's Hackathon (2021) - Finalist
- Member of AIESEC Colombo North - University of Kelaniya. (2020-present)
- Alpha Student Ambassador of Microsoft Learn Student Ambassadors' Community (2022- present)

Reference

Mr. Dinesh Asanka Senior Lecturer, University of Kelaniya Phone : 077 7777882 Email : dasanka@kln.ac.lk	Mr. G.H.A.C.Hemantha Director Capricon Solutions (Private) Limited Phone : 0717294463 Email : amith@capricon.lk
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