BUDDHIKA WEERASINGHE

BACHELOR OF THE SCIENCE OF ENGINEERING HONOURS, COMPUTER ENGINEERING

PROFILE

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REFEREES

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CAREER SYNOPSIS

Adaptable, dynamic & motivated individual with an ability to work independently and develop opportunities that further establish organizational goals. I am a person who is strong-willed to apply my knowledge and skills towards obtaining a responsible, and challenging position with an organization that has growth, opportunities and advancement as well as to build my career alongside contributing to the growth of the company. A life long learner.

EDUCATION

University Of Sri Jayewardanapura

Bachelor of the Science of Engineering Honours, Computer Engineering

- Minor - Data Management
- GPA   - 3.0 (Current)

Dhammissara National College, Naththandiya

G.C.E. Advanced Level Examination ,2016

- Combined Mathematics - A
- Chemistry - A
- Physics - B
- Genaral English - A

GCE Ordinary Level Examination ,2012

- Passed with 8 A s and B for English Literature

Online Courses

Completed

- Machine Learning (Coursera) - Stanford University
- Front-End Web UI Frameworks and Tools: Bootstrap 4 (Coursera) - The Hong Kong University
- Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning (Coursera) - Deeplearing.ai
- Server-side Development with NodeJS, Express and MongoDB (Coursera) - The Hong Kong University
- Front-End Web Development with React (Coursera) - The Hong Kong University

- Natural Language and Processing
- Data Analytics
- Machine Learning
- Artificial Intelligence
- Deep Learning
- Data Mining
- Networks Security
- Data Structures and Algorithms
- Redux state management

- Machine Learning with Python (Coursera) - IBM
- Machine Learning with Apache Spark (Coursera) - IBM
- Deep learning Essentials with Keras (Coursera) - IBM
- Deep Neural Networks with PyTorch (Ongoing)
- Building Deep Learning Models with Keras (Ongoing)
- AI Capstone Project with Deep Learning (Ongoing)

TECHNICAL SKILLS

Languages
- Python, Javascript ,React JS , HTML , CSS, C++

Tools and Technologies
- Jupyter Notebook, TensorFlow, Firebase, VS code, MATLAB, Netlify, Node JS, Express , Streamlit

Additional Skills
- Team Work, Communication, Adaptability, Analytical skills for
- solving problems, Leadership skills

PROJECTS

Projects under Coursera Courses

- Created a Full functioning website frontend using HTML, CSS, Bootstrap 4, JS, Less, Sass and built using Grunt and Gulp.
- Created a Full functioning React JS, Redux JS based web app with client - server communication
- Created all things needed for the React JS Frontend using Node JS, Express JS, MongoDB, REST concepts, HTTP and HTTPS and firebase backend as a service
- Created several machine learning projects covering all the major machine learning topics

University Projects and Extra Projects

- DrDelivery
  A real time SPA web app using React JS, Redux , Firebase, asynchronous programming to use in any network of supermarkets.
- edumark.lk
  A real time web project using React JS, Redux , Firebase , , that can be used to connect donors and under privileged schools in Sri Lanka (Won the best technology award in Regional TechCamp on good governance - Nepal)
- Covid 19 Depression Analysis using NLP
  more than 400,000 tweets were scraped, analyzed using EDA ,pre processed, created ML models, and built a front end using Streamlit
- Realtime video conferencing app like Zoom (Ongoing)
- Portfolio Site
- Automated Sudoku Solver
  This sudoku solver find solutions for sudoku puzzles which are given as images. Advanced algorithm concepts and computer vision concepts are used

- Drone Delivery System Won the 2nd place in Innovate Sri Lanka 2019 Exhibition(MEMBER)

- Got selected to Represent Sri Lanka, TechCamp 2020 Nepal in the Final

- Got selected to final 10 , Engage youth case study competition

- Best Winter Project -2019 Award at Tribute , AIESEC in University Of Sri Jayewardenapura

- Won the best Technology Award for https://edumark.lk/ in Tech Camp 2020 , Kathmandhu Nepal. This is Full Stack Website which connects needy schools with donors.

CO-CURRICULAR ACTIVITIES

Team Leader in AIESEC in Jayawardenapura
Oct 2018 - July 2020

- Organizing Committee member of project " INZPIRE 11.0"
- Organizing Committee member of project " Be Sri Lankan"
- Organizing Committee member of project "We Go Lanka "
- Delegate for the "Jayawardenapra Exchange Leadership Development Seminar(JXLDS) 2018"
- Delegate for the "National Leadership Development Seminar(NLDS) 2019"
- Organizing Committee President of project "INZPIRE 13.0" and Completed the project with a 100% 'Finished-Completed' completion ratio

STEMUP Educational Foundation
(Dec 2019 – Present)

- Campus Ambassador of University of Sri Jayawardenapura

United Nations Volunteers
(April 2019 – Present)

- Organizing Committee Member "World Health Day, Sri Lanka" 2019
- Delegate for the "Safe Migration and Combating Trafficking Persons" Seminar 2019

Techno 2019
(Oct 2019)

- Organizing Committee Member in Techno 2019 , Faculty of Engineering , USJ

Techcamp 2020 Nepal by Kathmandhu Living Labs and American Embassy of Nepal
(DEC 2019 - MAR 2021)

- Digital Bootcamp Sri Lanka participant
- Got selected to represent Sri Lanka in Regional techcamp 2020, Nepal
- Won the best Technology Award for https://edumark.lk/ in Tech Camp 2020 , Kathmandhu Nepal. This is Full Stack Website whic connects needy schools with donors.

Microsoft Cloud Skills Challenge (2021) - University of Sri Jayewardenepura Organizing Committee Leader
(FEB 2021 -MAY 2021)

- organized the Azure Cloud Skills Challenge in University of Sri Jayewardenapura with the help of Mr Prabhath Mannapperuma(Partner Technology Strategist at Microsoft) , Dr Lasith Gunawardana (Senior Lecturer in University of Sri Jayewardenapura) and Microsoft Sri Lanka