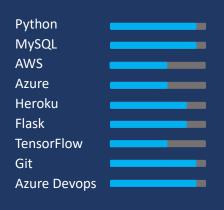
# **THARANGA NANDASENA**

### **SKILLS**

**Data Analysis** Data wrangling and cleaning Data visualization Model deployment Database management Web application development **Mathematics and Statistics** 

### **TECH STACK**



PHP, VueJS, Plotly dash

#### STRENGTHS

**Programing Proficiency** Collaboration and Teamwork

### **MY WORK**

- GitHub
- Portfolio

### **LANGUAGES**

**English** (PTE overall score **75**) Sinhalese

# Data Engineer (Transitioning from Software Engineering)

tharangachaminda@gmail.com

+64221059795

New Zealand

in LinkedIn

GitHub



Portfolio

### **SUMMARY**

Experienced software engineer with over a decade of success in software development, transitioning skillfully into the field of Data Science. Completed comprehensive Machine Learning and Deep Learning courses on IBM, DeepLearning.AI, and AWS demonstrating a proactive approach to acquiring expertise in data-driven technologies. Proficient in leveraging software engineering background to comprehend complex data science concepts, with a keen interest in applying machine learning algorithms to solve real-world problems. Seeking opportunities to contribute innovative solutions and drive impactful insights through data-driven methodologies.

### WORK EXPERIENCE

### **Senior Software Engineer**

July 2019 to present Sri Lanka

Navilog Technology Pvt Ltd

- Develop and maintain mobile apps
- Project Management with Azure Devops
- Front-end development

# **Senior Software Engineer**

January 2019 to June 2019 Sri Lanka

Crowderia Pvt Ltd

- Develop front-end and backend web applications
- Manage software delivery, and deployment

#### **Data Analyst**

2016 to 2019 Sabaragamuwa University, Sri Lanka

Data Science and Artificial Intelligence Research Group (DSAI)

- Data wrangling and analysis with Python
- Develop and maintain web apps with Flask
- Implement interactive dashboards with Python and JavaScript
- Deploying and maintenance of ML models

## **Software Engineer**

2015 to 2016 Sri Lanka

**Business Test Methods Pte Ltd** 

- Design and develop an online testing system (btm<sup>TM</sup>) with PHP and MySQL

# **Software Engineer**

2009 to 2015 Sri Lanka

Kraken Media Pvt Ltd

- Develop web applications with PHP and MySQL
- Project Management with Slack

#### CERTIFICATION

### IBM Data Science by IBM

(Please click to verify certificate.)

Certificate earned on July 12, 2023

# Deep Learning by DeepLearning.Al

(Please click to verify certificate.)

# DeepLearning.Al

Certificate earned on October 21, 2023

# **AWS Cloud Technical Essentials by AWS**

(Please click to verify certificate.)

ML Engineering for Production (MLOPs)

Certificate earned on April 7, 2024



DeepLearning.Al

(Please click to verify certificate)

## HOBIES

Photography Cycling

### **VOLUNTARY**

Red Cross society
COVID projects

### **EDUCATION**

Bachelor of Science
Mathematics & Computer Science

Postgraduate Diploma in IT
Basics in IT, Networking and Multimedia

University of Ruhuna, Sri Lanka 2003 to 2007

> UCSC, Sri Lanka 2014 to 2015

## **COMMUNITY AND VOLUNTEER**

MedBot - Robotic assistant for COVID medical staff

I was the mobile application developer and the Python developer (remote controller) of a volunteer team led by Dr K J C Kumara, Faculty of Engineering, University of Ruhuna. (World Bank funded)

### Sri Lanka Red Cross society

Just after my graduation, I volunteered at Sri Lanka Red Cross society as an IT instructor, web developer, and system administrator. I actively involved in many projects during the one-year time there. University of Ruhuna, Sri Lanka 2020

> Matara, Sri Lanka 2008 to 2009

### **REFEREES**

Dr. K J C Kumara

Senior Lecturer Faculty of Engineering University of Ruhuna Sri Lanka

+94 770 481 820 kumara.kjc@gmail.com Mr. Thiloshana Siriwardana Director Navilog Technology Pvt Ltd

Sri Lanka

+94 719 219 813 thiloshana@chainx.se