

THARANGA NANDASENA

Data Engineer (Transitioning from Software Engineering)

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New Zealand 

 [LinkedIn](#)

 [GitHub](#)










 [Blog](#)

 [Portfolio](#)

SKILLS

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

TECH STACK

Python 
MySQL 
AWS 
Azure 
Heroku 
Flask 
TensorFlow 
Git 
Azure Devops 

PHP, VueJS, Plotly dash

STRENGTHS

Programing Proficiency
Collaboration and Teamwork

MY WORK

 [GitHub](#)

 [Portfolio](#)


LANGUAGES

English 
(PTE overall score 75)
Sinhalese 

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**TM) 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.AI

(Please click to verify certificate.)



Certificate earned on October 21, 2023

AWS Cloud Technical Essentials by AWS

(Please click to verify certificate.)



Certificate earned on January 3, 2024

ML Engineering for Production (MLOPs)

(Please click to verify certificate)



Certificate earned on April 7, 2024

HOBIES

Photography
Cycling


VOLUNTARY

Red Cross society
COVID projects

EDUCATION


Bachelor of Science

Mathematics & Computer Science

 University of Ruhuna, Sri Lanka
2003 to 2007


Postgraduate Diploma in IT

Basics in IT, Networking and Multimedia

 UCSC, Sri Lanka
2014 to 2015


COMMUNITY AND VOLUNTEER

MedBot - Robotic assistant for COVID medical staff

 University of Ruhuna, Sri Lanka
2020

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

 Matarata, Sri Lanka
2008 to 2009

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.

REFEREES

Dr. K J C Kumara

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