LAKSHAN VIRANGA

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Address: No 376/A, Mulandiyawala,
         Embilipitiya, Sri Lanka.

TECHINCAL SKILLS

PROGRAMMING LANGUAGE
Java SE/EE   Python
JavaScript   PHP
HTML/CSS

FRAMEWORK
Spring/Spring Boot   Angular
Node JS   JavaFX
Express
CodeIgniter

DATABASES
MySQL   MongoDB

PROFESSIONAL SUMMARY

I am a final year undergraduate BSc in Electrical and Information Engineering, University of Ruhuna. My passion for new technologies has made me a full stack developer. Since my childhood I have been an excellent communicator and I have led many teams in various situations. I have an extraordinary interest over team work. A freelancee who is highly interested in the field of software engineering and Telecommunication Engineering.

WORK EXPERIENCE

Trainee Software Engineer,   Jan/2019 – April/2019
 Mobitel (Pvt) Ltd, Sri Lanka.

Training Experience in Software Engineering and Telecommunication Engineering, Mobitel Pvt Ltd, Sri Lanka.
Developed the QOS web application to Mobitel internal use (HTML, CSS, PHP, MySQL)
Developed the Training Management System to Mobitel Engineering Division usage.
Studied About Radio Network Operation, 2G, 3G, 4G Technology, Core Network of Mobitel

PROJECT

UNDERGRADUATE PROJECT   May 2020-Present

Design and Develop Orchestrator for Edge Computing Platforms to Provision Cloud services at the Mobile Edge
    Objective of this project is to design and develop an Edge server platform test bed for educational and research purposes in order to facilitate cloud services at the mobile edge. The ultimate target here is to make an Orchestrator which offers Automatically resource allocation, reducing bandwidth and latency of services.
(Linux, Python, Docker, Socket Programming, VMware)

OTHER PROJECT

TRAVEL CEYLON   May 2019-Present

- This is e commerce project which is about managing tourism in Sri Lanka
  (HTML, CSS, MYSQL, PHP, CodeIgniter)

SMART MEASURING SYSTEM FOR FARMING Dec 2019-Present

- This is a portable measuring system to measure the moisture, temperature, luminosity of a plant and control the water flow
  (Raspberry Pi, Google firebase, Python)

OTHER TECHNOLOGIES

Docker   VMware
GNS3

EXTRA CURRICULAR ACTIVITIES

Active Student member of Electrical and Information Engineering Society 2018 present

Active Student member of IESL, IEEE, 2 0 1 8 – p r e s e n t

INTERESTS

Technology and growth, Reading, Traveling, Community Involvement, sports, Web developing, Web designing, Arduino, IOT, Machine Learning, Raspberry pi

REFERANCES

Dr. B.I. Anuradha Mendis

Senior Lecturer,

Department of Electrical & Information Engineering,

Faculty of Engineering, University of Ruhuna, Hapugala, Galle.

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Email: mendis@iee.ruh.ac.lk

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Mr. T. D Gamage

Lecturer,

Department of Electrical & Information Engineering,

Faculty of Engineering, University of Ruhuna, Hapugala, Galle.

Tel: +94 772201066

Email: tharindu@iee.ruh.ac.lk

Web: eie.eng.ruh.ac.lk

GSM BASED SMOKE DETECTION SYSTEM   May 2019-Nov 2019

- This is wireless smoke detection system for home, shop or similar places.
  (Arduino, IOT)

RESEARCH PAPER MANAGEMENT SYSTEM   JAN-APRIL 2018

- Web Base application for research paper details record, search and others
  (HTML, CSS, PHP, JavaScript)

EDUCATION

BSc. In Electrical and Information Engineering,   2017- Present **(3.0/4.0)**
Faculty of Engineering, University of Ruhuna.

Cisco Certified Network Associate (CCNA 200-301)   2020-July
Certification ID: CSCO13614366

Certification Master of Java Developer.   Sep-2018 – April- 2019
Institute of Java Software Engineering (IJSE) fulfilling the requirement of OCPJP (USA) and improved skills of Basic Java Concept, JavaFX, Object Oriented Principles,

Embilipitiya Maha Vidyalaya, Embilipitiya.   2010- 2015

2nd Attempt
Passed GCE A/L 2015 in Physical Science Stream
Z Score- 1.8314
District Rank- 42

1st Attempt
Passed GCE A/L 2014 in Physical Science Stream
Z Score- 1.1139
District Rank- 198

COMPETITIONS AND ACHIEVEMENTS

Winner of "Xbotix 2019" organized by University of Ruhuna

Participated for "Shield of Code" organized by University of Ruhuna

IEEE Xtreme Programming Competition 2018

Participated for "Aces Coders v7" 2018 organized by University of Peradeniya.

Participated for "Xbotix 2018" organized by University of Ruhuna

SKILLS AND STRENGTHS

- Excellent communication skills and a good ability to network with people
- Excellent team player, willing to engaged with team-based projects
- Team leading skills and experience
- Fast Learner with analytical thinking
- Positive thinking and ambitious