

Saliya Karunathilaka

Aberaja Mawatha, Narawila, Mathugama

Mobile: +94 77 8942672

Email: saliyakarunathilaka@gmail.com



Objective

To obtain a challenging position that will provide an opportunity to utilize my knowledge continuing my potential in multi-disciplinary engineering with strong ability to solve problems, good leadership and excellent communication skills which will contribute to the success of organization.

Profile

I am an efficient and calm person and a good team worker having the potential of being a good leader with excellent communication skills. And also I am confident to take on new challenges and not afraid to try new methods in the industry.

Industrial Experiences

- Worked as a trainee engineer at Mobitel (Pvt) Ltd. for the Panadura Regional Office (8 weeks) and Transmission planning division (4 weeks) in engineering division at Welikada, Rajagiriya for 12 weeks of training period from January 2015 to April 2015.
Experience gain on,
 - ❖ Regional works including BTS operations and installation and other site works.
 - ❖ Measurements of related parameters in PAT works.
 - ❖ GSM, WCDMA and LTE networks.
- Worked as a trainee engineer at Associated Motor Ways (Pvt) Ltd. for 12 weeks of Training period from December 2013 to March 2014.
Experience gain on,
 - ❖ Industrial power applications and their maintenance
 - ❖ Pneumatic, hydraulic and steam distribution systems connected to the rubber processing machinery
 - ❖ Tyre (solid tyre, motor cycle tyre) manufacturing and repair, maintenance and re-threading of tyres

Undergraduate Project and Research

- Project on Sinhala Short Hand discrimination (final year undergraduate project).
This is an Off-line Sinhala short hand recognition software application which is based on image processing and interpret into a Microsoft word document.

Technologies: visual studio(C# windows form application), MatLab 2013, Image processing

- Airport data management system

This is a web based online system which managed all airplane detailed including depart and arrival times, destination and starting airport/country and travellers details.

Technologies: mysql, wamp server

- Design a web site for a company and MVC shopping cart application for Music store

The shopping cart application allows to buyer to search MP3 or MP4 by title, album name or artist name and add into cart and buy or online listen if they already have credits.

Technologies: ASP.NET, MVC architecture, HTML

- Robot arm which is controlled by windows application.

The robot arm is controlled by six motors and remotely controlled by windows application via Bluetooth.

Technologies: windows phone programming, arduino programming

- Production counting gadget

This is an IR sensor based product counting small gadget.

Technologies: arduino Programming

- Online Doctor channelling system/ MVC

This is a web based system to do online doctor channelling, patients can view doctor available time schedules and book a time slot etc.

Technologies: ASP.NET, MVC architecture.

- Research on Possibility of applying Fourier Series Analysis (FFT) on Short Hand Recognition

Professional Qualifications

- Followed course Java Application Development using JavaSE (**university of Colombo school of computing**)
- Following **CIMA Certificate level** at WISDOM Business Academy.

Skills and Other Qualifications

- Programming languages (Java SE, C#)
- MatLab 2015
- Lingo
- Packet Tracer & GNS3
- Proteus
- AutoCAD 2010
- Project Management using Microsoft Project and Microsoft Office package
- windows operating systems and related software (Windows 7 & 8, Ms-Office etc.)

Extra Curriculum Activities

- ❖ Member of Electrical and Information Engineering Society, Faculty of Engineering, University of Ruhuna.
- ❖ Member of IEEE Ruhuna Student Branch, Faculty of Engineering, University of Ruhuna

Education

- B.Sc. (Hons) in Electrical and Information Engineering with 2nd Class (Upper). OGPA: 3.37. Faculty Engineering University Ruhuna.
- GCE Advanced Level (2010)
A-1, B-2, Z-Score: 1.7999
- GCE Ordinary Level (2007)
A-8, C-1, S-1

Personal Profile

- ❖ Full name : Dewamuni Saliya Karunathilaka.
- ❖ Name with initials : Karunathilaka D.S.
- ❖ Date of Birth : 19th February 1991
- ❖ Nationality : Sri Lankan
- ❖ NIC No : 910502999 V
- ❖ Gender : Male
- ❖ Marital Status : Single
- ❖ School Attended : Ananda Sastralaya National collage, Mathugama.
Dharmaraja Maha Vidyalaya, Mathugama.

Non Related Referees

Dr. S.H.K.K.Gunawickrama
Head of the Department,
Department of Electrical & Information
Engineering,
Faculty of Engineering, University of
Ruhuna.
E-mail: headeie@eng.ruh.ac.lk

Capt. Elmo Jayawardena
Founder President
CandleAid Lanka
21/4 Dharmaratne Avenue,
Rawathawatte,
Moratuwa,
Sri Lanka
Email: elmojay1@gmail.com

Declaration

I do hereby declare that above mentioned particulars are true and accurate to the best of my knowledge.

Saliya Karunathilaka.

13 March 2016.