

PDKS KUMARA Dip in Eng (Mar), AMRINA(UK), AMIMarEST(UK) MIAEng(HK). CAD /CAE & FEA DESIGNER AND

ANALYZER

#### $\sim$ DETAILS



**Critical Thinking** 

Handling Pressure

Leadership

# **EDUCATION**

### **Diploma in Marine** Engineering

Naval Institute of Technology

Naval Base

- Walisara Ragama
- Sri Lanka
- 2004 2008

## CGTTI

Moratuwa Certificate course of CAD Design-2014

# C.W.F Hamilton & Co. LTD

**Christchurch - New Zealand** Certificate course of MOH in HJ Water jet propulsion.

I had 15 years working experience on SL Navy and major role of the navy is CAD and CAE/FEA designing and structural/Model analysing.

I have the experience in designing small craft (below 25 m) and analyzing mechanical and marine applications and systems. I was the senior artificer in charge and coordinator of Naval Boat Building Yard, design unit under the Directorate of Naval Design,

Competent to take leadership in any given situation and motivate others to work effectively as a team & always ready to take on

responsibilities and to work hard to accomplish the goals of the organization as effectively as possible. Looking to leverage my knowledge and experience into a role as a designing and analyzing engineer.

# **EXPERIENCE AND TRAINING CAD/CAE**

- Completed 'AutoCAD 2D and 3D up to modeling' Certificate course and Solidworks software training at the Modern Technology Training Centre at Ceylon German Technical Training Institute, Rathmalana. - 2014 and 2017.
- Completed SSC Lloyd's registry ships structural design (Composite, • Steel, and Aluminium) software course. - 2017
- Completed ANSYS software training course in CFD (Computational Fluid Dynamic), model analysis, and FEA (Finite Element Analysis) at SCION Engineering Centre, Malabe. -2018
- Have the experience of structural analyzing and designing mechanical applications and systems.
- Hull analyzing, Boat structure designing, stability and powering calculations and Steel, Aluminium and Composite structure analyzing
- Have the four years' experience in 25 m below boat designing of Strong Work Ethic GRP, Aluminium and Steel
- Completed 15 years of service including my three-year academic training period of marine engineering department of Navy.
- One year and three-month esperience as a Ast. Production Engineer at Asian chill Equipment (Pvt) Ltd. Rathmalana

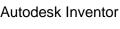
#### **COMPUTER AND LANGUAGE SKILL**

- Ability to work in Autodesk Auto CAD (2D and up to 3D modelling), • Autodesk Inventor, Autodesk CFD, Solids Works, Ansys (CFD and Structural analyze), Maxsurf, Rhino 3Dand SSC Software for designing, analyzing and create detail 2D drawing.
- Fluent International & Communication Skills in both Sinhala & English.
- Ability to work in Microsoft Office Packages and have good skill for computer typing and IT knowledge.



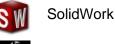
Autodesk AutoCAD





Maxsurf

Autodesk CFD



Rhino 3D



ANSYS



Lloyd's SSC Software LLR

### Scion Engineering

**CAE/FEA Analyzing & Design** of Mechanical Engineering application. 2018

#### ط<sup>ع</sup>ی) **AWARD RECEIVED**

AMRINA(UK)

Membership No - 00423859

AMIMarEST (UK)

Membership No - 8079021

MIAEng(HK)

Membership No - 240169

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# **ACTIVITIES AND INTERAST**

- A vibrant member of School's western band sergeant from 2002 to 2004.
- A member of the former school's perfect team from 2000 to 2004 and appointed as a deputy head prefect.
- Member of former school's Judo club (Anuruddhian's Club) and won runners up 52 kg Weight class, all islands national schools Judo meet at 2003 and won other schools and other club Judo games.
- Member of former school's scout club and cadet platoon.
- Engage in architectural designing and mechanical system design and analyzing in my leisure time.
- Highly analytical team player with an aptitude for quickly scrutinizing environments to identify and priorities needs risk and develop solutions.
- Enjoy in facing challenges in my career and achieving the goals of the organization, which will further develop my personal & social skills.

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



PD Kalum Saman Kumara,



## NON-RELATED REFREES

1. SAMANTHA PANDITHA Chief Engineer, Light House Hotel PLC. Galle.

Sri Lanka.

E mail - samantha@jetwinghotels.com Tel - T: +94 91 2223744 E 620/ +94 773017856

2. SAMAN Lakmal. B.Sc.Eng, AMRINA(UK) Chief Design Engineer,

## **Residence Address**

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