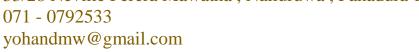
FRANCISKU BADATHURUGE YOHAN RANDANA DE SILVA

33/28 Neville Perera Mawatha, Nalluruwa, Panadura 12500 071 - 0792533





CURRICULUM VITAE

FOR THE POST -TRAINEE ENGINEER

OBJECTIVE

To make use of the practical and theoretical knowledge that I gained through-out my degree in Mechanical Engineering, so that it will be applied in Industrial applications, and to improve the efficiency of the joining Organization.

PERSONAL DETAILS

NIC NO 912281329 V

15th August 1991 Date of Birth

Male Sex

Civil Status Single

School Attended St' Joseph's College Colombo 10

EDUCATION QUALIFICATIONS

- B. Sc. Engineering (Hons.) (2nd Class Upper), University of General Sir John Kotelawala Defence University, Sri Lanka, 2015. (Specialization: Mechanical Engineering)
- Good command in Computational Fluid Dynamics (CFD)
- Machine designing in Engineering Drawing software's (Auto CAD & Solid Works)
- Final Year Individual Research Project first place (University of KDU)
- Advance Level Examination in the stream of Mathematics. (2010)

Combined Maths

S **Physics**

S Chemistry

English B

Ordinary Level Examination (2007)

Mathematics Α (Distinction)

Business & Accounting A (Distinction)

English Language A (Distinction)

Catholicism	-	Α	(Distinction)
ART	-	A	(Distinction)
Social Studies & History	-	A	(Distinction)
Science & Technology	-	В	(Very Good Pass)
Sinhala Literature	-	В	(Very Good Pass)

- Computer Hardware & Software (Certificate course in Wijeya Graphics)
- Computer Graphic Designing
- British Council Level 3 & Level 4
- Specialized in Microsoft Office packages.

PRACTICAL KNOWLEDGE GAINED AT CEYLON GOVERNMENT RAILWAY

SECTION	SHOP	DESRIPTION
> Tool Room	42	Lathe, Turret Machine Operation
Foundry Shop	43	Sand Casting, Molding
Bench Fitting & Machining	41	CNC Machines,
Diesel Hydraulic Loco Repair	28	Engine Overall
 Diesel Electric Loco Repair 	16	Engine Maintainers
Blacksmith & Metal Forming	45	Annealing, Quenching, Hardening
Diesel Engine Auxiliaries	14	Radiator, Compressor maintains

PRACTICAL KNOWLEDGE GAINED AT DIESEL & MOTER ENGINEERING PLC

	SECTION	DISTRIPTION
>	TATA Passenger	Passenger vehicle maintains
>	KOMAT'SU Service (CMD)	Hydraulic Applications in Dozers
>	TATA Heavy vehicles Unit	Heavy vehicle Repair and maintains
	TATA Unit Repair	Disassembling and Assembling 6 cylinder inline Engines

OTHER SKILLS

- Former board member of the Rotract Club of Kotelawala Defence University
- ➤ Hold the post as the Coordinating Secretary of the Science Union at St' Josephs College Colombo 10.
- ➤ Bronze medalist of Ballroom & Latin American Dancing.
- ➤ Skill of playing 5 Piece Acoustic Drums.

WORK EXPERIENCE

- ➤ Diesel & Motor Engineering PLC (From 01st July 2014 05th September 2014)
- ➤ Ceylon Government Railway Rathmalana (CGR) (From 09th September 12th December 2014)
- Currently working as a Instructor in Mechanical Engineering department at
 Sir John Kotelawala Defence University (Lecturing Thermodynamics and conducting practical)

PROJECTS CARRIEDOUT

- ➤ Development of the Downdraft Bio-mass Gasifier (For running a 4 stroke generator / Syngas for domestic cooking applications / As a flammable fuel)
- ➤ Designing a Three Speed Manual Gear Box
- Modeling Internal Flow of an Elbow Pipe (using computational fluid dynamics)
- ➤ Modeling External flow of an Airfoil. (Using CFD Software)

AREAS OF INTEREST

- > Energy Power Plants
- > Thermodynamics.
- ➤ Air-conditioning & Refrigeration
- ➤ Mechanical Auxiliaries
- Mechanical machine maintainers
- ➤ Machine Elements & Design
- ➤ Fluid Mechanics & Fluid Dynamics

NON - RELATED REFREES

> Mr. RMPS Bandara BSc Eng (Moratuwa), MEng (Moratuwa), AMIE (SL)

Contact Details: 072-3219578 Email: bandara@kdu.ac.lk

Mr. S.Bogahawatt NDT, IESL Part I & II, MEng(Moaratuwa), MIE(SL), CEng

Contact Details: 071-4492170 Email: bogahawattes@gmail.com

I hereby	y certify	that th	ne above	e ment	ioned	particu	lars a	are true	and	correct to	the	best o	f my	knowl	led	ge.

Date	:	
Signature	:	

F.B.Y. Randana de Silva

