FATHIMA NAZAR

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Objective

- To pursue a challenging career and be part of a progressive organization that gives scope to enhance my knowledge, skills to reach the pinnacle in computing with sheer determination, dedication and hard work.

Technical Skills

- Operating System   : Windows,Ubuntu
- Language   : C, PHP
- Front End Technologies   : HTML, CSS, Bootstrap, jQuery, JavaScript
- Database   : Mysql
- Database Management   : phpmyadmin
- MVC Framework   : CodeIgniter
- IDE   : Sublime
- Version control   : GIT
- Software development & Testing

Experience

Worked as a lecturer at MES College, Erumely from 04.06.2012 to 18.12.2013

Additional Qualification

1. Undergoing training on full stack web development course at Mashup academy from Oct 2017 onwards
2. Carried out MTech Thesis (Engine Gimbal Control System simulator for launch vehicles) at VSSC, ISRO for 9 months
3. Trained in networking and in Telecom Technologies (mpls, gsm, wireless technologies) at **BSNL-RTTC (Regional Telecom Training Centre).**

Academic Qualification

Year of study	Institution	Degree Name with aggregate Marks
2014- 2016	M.G.University College of Engineering, Muttom	MTech (Applied Electronics) **CGPA:** 7.04
2007 - 2011	MBC College of Engineering & Technology, Peerumedu	BTech Electronics & Communication Engineering (61.3 %)
2006	A.K.J.M Higher Secondary School, Kanjirappally	Plus-two SCIENCE (67%)
2004	St. Joseph's Higher Secondary School, Kanjirappally	S.S.L.C 70%

Main Projects

Engine Gimbal Control System simulator for launch vehicles at VSSC, ISRO from Feb 2016 to Sep 2016

Engine gimbal control (EGC) system is widely used in launch vehicle liquid stages for attitude control. Liquid engine with nozzle suspended from gimbal bearing, actuators and control electronics (CE) are the building blocks of EGC system. In processor based digital implementation of CE, control algorithm is implemented in software. To evaluate software performance a number of mission simulation runs are to be carried out. In mission simulation test bed, for exercising the CE in closed loop, EGC system test rig consisting of moment of inertia simulated liquid engine assembly with nozzle and actuators are required. Mechanical integrity of the test rig is affected due to repeated use during hundreds of mission simulation runs. A novel electronic EGC system simulator to be developed to address this problem. Various building blocks of the EGC system will be mathematically modeled and the models will be implemented in real time in a DSP processor. Mission simulation test bed will be simplified by replacing the EGC system test rig with the EGC system simulator.

Design and hosting of dynamic web site and configuration of MPLS network for secured access at BSNL from Jan 2011 to Mar 2011

Dynamic web pages becoming the default web pages for today's websites. The web pages can be created with PHP l and databases like SQL Server etc can be used for the user interaction.

MPLS (Multi Protocol Label Switching) is a Data Switching technology that allows a Telecom Service Provider to have complete control over parameters that are critical to offering its customers service guarantees with regard to bandwidth throughputs, latencies and availability. The technology enables secure access to the servers from remote places.

This project involves the hosting of a dynamic web site and providing secured access to it through MPLS network

Job skills

- ❖ Ability to work in a team.
- ❖ Committed to work in project deadlines and schedules.
- ❖ Flexibility & adaptability.

Personal Information

Date of birth	:	7th March 1988	
Nationality	:	Indian	**Sex:** Female
Marital Status	:	Married	
Languages known	:	English, Hindi, Malayalam.	
Hobbies	:	Reading, Music, Football, Cricket and Badminton.	
Permanent address:		Chundiramparambil house	
		Kanjirappally P.O	
		Kottayam	
		Pin:686507	
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Reference

Dr. Lethakumari B
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Mr.Anish Gopinath
Scientist/Engineer-SE,
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Declaration

I hereby declare that the above-furnished details are true to the best of my knowledge.

Thiruvananthapuram   **Fathima Nazar**