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Lavanya Rajan

Objective:

To associate with an organization which progresses dynamically and gives me a chance to improve my knowledge and enhance my skills in the state-of-art of technologies and be part of the team excel in works towards the growth of the organization and gives me satisfaction thereof.

Educational Qualification:

Degree	Institution	Year Of passing	% of marks	Division
M.Tech (Energy Engg)	REC, Trichy	Feb' 2000	7.9(CGPA)	First class
B.E (Electrical and Electronics Engg)	Thiagarajar College Of Engineering, MK University, Madurai	June' 98	75.77	First class with distinction
HSC	State Board, TN	April' 94	83.5	
SSC	State Board, TN	April' 92	87.88	

Knowledge of Software Testing : Manual Testing and Automation Testing Tools (Win Runner 7.6, Load Runner 8.0 and Quality Center 8.2)

Experience:

1. I am working as a Guest Faculty in **INSTITUTE OF ENERGY STUDIES, ANNA UNIVERSITY** for two years.
   Subjects: Green Building and Solar Systems for Building

2. I worked as a consultant (part-time) for **EDSERV SOFTSYSTEMS LIMITED** for two years.
   Subjects: Electronic Circuits, DPSD, Models for integrated circuit active devices.

Software Knowledge:

Languages	: Java 2, C, C++
Operating Systems	: Windows 95, Windows NT, MS-DOS
Server Application	: ASP, Servlets
Internet Technologies	: JDBC, Java Beans, Networking, HTML, VB Script, Java Script, Swings, Applets, XML
Middleware Technologies	: RMI
Front-End Tool	: Visual Basic 6.0
Platforms	: IBM-PC & Compatibles

Academic Projects:

Project # 1:

Name : Energy Management and Power Quality Improvement Measures In A Research Institute

Software : Mat lab

Duration : June 99 to Feb 2000 (M.Tech)

Description : In this thesis, an attempt has been made to improve the load power factor. By increasing the power factor, the energy can be conserved and power quality can be improved. The power factor has been increased by using Flexible AC Transmission System (FACTS). An Automatic Power Factor Controller has been designed to maintain the power factor above 0.9. The simulation was done using MATLAB.

Role : I have done energy survey in CPRI and calculated the power factor of the existing system and improved the power factor by simulation.

Project # 2:

Name : Automation Of Gang HSS machine Using Programmable Logic Controller (PLC)

Duration : July 97 to April 98 (B.E)

Organization : Fenner India Limited, Madurai

Description : Fenner India Ltd, Madurai is a leading manufacturing unit of conveyor belts. Gang HSS m/c is used for stretching of raw belts. This improves the strength of the power and reduces the transmission losses. In this Project, this m/c has been automated with PLC replacing the conventional hardwired relay logic. This project has resulted in less down time, more reliability and accuracy and less scrap to the belts compared to relay panels.

Role : Participated in Design, Coding and Testing.

Personnel Details:

Languages Known : English, Tamil, Telugu and Hindi
Date of Birth : 13th of October'76
Sex : Female

Date:

Signature

Place: