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***PROFESSIONAL OBJECTIVE***

Looking for a responsible Entry Level Telecom and Network Engineer Position to effectively install, configure and maintain Telecom and Network system and equipments, t**o be able solve problems in an effective and creative manner in a challenging environment using my dynamic research abilities and perseverance.**

***EDUCATION***

M.S., Electrical Engineering, The City College, New York, NY. Dec 2004 GPA: 3.34

B.E., Electronics & Communications, Madras University, India. May 2001 GPA: 3.23

***KEY COURSES***

* Telecommunication Network Management
* Wireless Communication
* Communication Protocol Testing
* Optical Communication
* Optical Networking
* Computer Networks

***SKILLSET***

* Operating System: MS-DOS, UNIX, Windows, 95/98/2000/XP
* Programming Languages: C, C++, FORTRAN, Matlab
* Databases: Oracle 10.x, MS SQL Server 2000/7.0/6.5, MS Access 2000, DB2.
* Network Simulator: Hp Openveiw
* Testing Tools: Tau Logic, Cinderella

***KEY ABILITIES***

* Ability to Perform as Team Leader with Perseverance & Problem Solving.
* Flawless English-Written and Verbal Communication
* Ability To Plan and Implement Project
* Interpersonal Ability to get along with team members
* Ability To Organization things, Time Management and Multi-Tasking
* Computer Literacy and Work in Fast Paced Environment

***GRADUATE PROJECTS***

1. ***Point To Point Datalink Protocol Fall 2003 City College of New York***

This project was to test the above said protocol in a network using Tau logic testing tool and recorded the output as C code to compare the theoretic and practical values. This paper presents the point-to-point data link connection procedure, as a Finite State Machine (FSM) graph representation, Specification Definition Language (SDL) diagram, and shows its test sequences using two test sequence generation procedures, based on the Chinese Postman Problem algorithm and the Rural Chinese Postman algorithm.

2. ***Telecom Network Management Spring 2004 City College of New York***

The primary goal of the current project is to get a taste of real life experience in Internet based network management. Simple network management protocol (SNMP) is the protocol of choice. Commercially available application software HP OpenView has been used for this purpose. We set a dummy network management system in the UNIX, which includes a manager and a set of agents to demonstrate the applicability of the protocol. Using the Abstract Syntax Notation number One (ASN.1), we have configured the network, done other management operation including fault reporting and correction, system management, performance etc.

3. ***Traffic Generation of ARPA2 Network Spring 2004 City College of New York***

I did the traffic generation, routing and wavelength assignment of ARPA2 WDM optical network using JAVA programming. This project focuses on the *routing,* *wavelength assignment* (RWA) and *traffic generation* in wavelength-routed optical WDM networks. This paper presents modeling of route, traffic and wavelength assignment for ARPA2 network using JAVA programming language. The *routing* is done using the “shortest path algorithm” otherwise know as DIJKSTRA algorithm. We find the shortest path between any arbitrary source and destination based on the number of hops.

***UNDERGRADUATE PROJECT***

***Study And Troubleshoot Of Network products Jan 2001 Madras University***

This project deals with the Study of all kinds of Network Products in Logical steps, Analysis’s of Products and Troubleshooting them. These logical steps have rolled into Three Modules.

* ***Learning the Basics Of working of Networking Concepts:*** The first module deals with the learning about the basic concepts of networking, different types of networking, different layers of networking and their functioning. Learning about different types of products like Hubs, Routers, Switches, Bridges and Gateways etc; of companies like BayStack, Ethernet, SynOptic LattisLink, AN Wellfleet etc;.
* ***Learning the Networking Product Range:*** The second module deals with learning about the function of various networking products online and offline used in the company Ramco Systems.
* ***Learning the Working/ Configuration/Troubleshoot of Products:*** The final module involves Testing, Working, Configuring and Troubleshooting of various Network Products marketed by Ramco Systems. A log sheet was maintained after performing various Tests like Power on test, Hardware Diagnosis test, Connectivity test, and finally Configuration test at different times online.

***PROFESSIONAL EXPERIENCE***

***CINGULAR WIRELESS Alpharetta, GA Jun2005 - Jul2005***

***Hyperion Essbase Developer***

***Project Summary:*** This project is part of the overall CSE (Common Service Experience) program within Cingular aimed at providing seamless experience between Blue and Orange customers. As part of this overarching program, the B2B division of Cingular has been merged with Business division of AWE. Although the P&L reporting is done and accurate for the overall Cingular, it is presently not possible to get the P&L reports for the new BMG division due the two reasons. Firstly, Business rules for identifying BMG customers are implemented differently across Blue and Orange. As a result, BMG has identified a set of business rules to be applied uniformly across the enterprise to identify revenue and cost information.

***Role & Responsibilities***

* Cloned the existing daily cubes (3 cubes) instead of modifying the existing cubes. In the cloned daily cube (BMG Daily Cube), added the new subscriber segment dimension of BMG Indicator, BMG Segment and Liability Type, in addition to the existing dimensions. To limit the volume and processing times required to load the daily cube the agent level information was limited to level 1.
* The existing weekly cube was cloned to create the BMG Weekly cube. In the BMG weekly cube also the new dimension for BMG Indicator was added, BMG Segment and Liability Type, in addition to the existing dimension. To limit the volume and processing times required to load the BMG weekly cube, agent level information was dropped.
* The existing rate plan activity (2 cubes) was also cloned for BMG. The BMG rate plan activity cube had the new dimension of BMG Indicator added, BMG segment and Liability Type, in addition to the existing dimensions. To limit the volume of data and the processing times, BMG specific data would be loaded. Non BMG data was not be loaded into these cubes.
* Oracle staging area acts as the data integration point for MaRS(Management Reporting System). In the Oracle staging area, the existing fact and dimension tables was modified to include BMG specific information to facilitate the loading of daily subscriber activity from Oracle Staging into ESSBASE cubes.

***Environment:*** Hyperion Essbase 7.0/6.5.6, EIS 6.5.3/6.5.1, TOAD 7.6, Hyperion Reports 2.0, Oracle 9i, Microsoft Excel 2000, Microsoft visual studio, Windows NT 4.0, and UNIX.

***TATT Institute, India 2001June-2002March***

***Faculty & Lab assistant***

***Role & Responsibilities***

* Teaching basic electronics and networking technologies and concepts.
* Assisting 30 students in computer lab with C, C++ programs.

***HONORS/AWARDS***

Scholarship Awarded Year 2003-2004 Farleigh Dickinson University, New Jersey.

Reference available upon request.