

# Ziaur Rahman

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## Objective

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To work in a challenging environment where I can learn, be innovative, and deploy technology boldly. I want to be a network or system analyst to design and implement large scaled network and maintain it.

## Experience

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### QALA Singapore, Singapore

5/2002-Present

Web: <http://www.qalacom.com>

#### Systems Engineer

QALA is a broadband Internet service provider in Singapore. My responsibilities are as follows:

- Maintaining servers that provide the crucial Internet services.
- Working under Redhat Linux/Sun Solaris/Free BSD Unix environment, and install various solutions and new services.
- Writing web based ISP management scripts for the Helpdesk and the administration to ease the operation.
- Editing, Troubleshooting and Updating the Web based E-mail client and web based user's utilities for customers.
- Troubleshooting critical customer problems relating to Sendmail, POP3, HTTPD, Radius, DNS etc.

#### Projects completed:

- Migrating the Data services of the ISP Swiftech to QALA i.e. installing, configuring and deploying the servers for the migration under Redhat Linux in a short span of time. Creating the exact mirror of all the services that were running in Swiftech ISP was a good challenge.
- Installing DDNS (Dynamic DNS) service for the DSL user's so that they can use static hostname on dynamic IP addresses.
- Troubleshooting Neomail and changing the Neomail code to give extra features requested by customer.
- Installing Qmail+ Horde/IMP+ Vpopmail+ CourierIMAP for HP Singapore as their webmail server. Had to change the Horde/IMP code to let the customer login without '@domainname' with their login id and make the VQMailAdmin manager to activate the changes automatically.
- Setting up a complete RADIATOR (<http://www.open.au/radiator>) radius server with MySQL backend for ADSL customers. Installing and maintaining IPASS, GRIC radius services.
- Installing a complete mirror of the Solaris Radius server as a standby. Done with MySQL database replication methods and custom Perl scripts to synchronise configuration file changes.
- Writing a Perl script to administer quotas in a Unix system which can also be configured to send warning messages to user whose quota has exceeded his threshold limit. This script is now Open Source and is in [Comprehensive Perl Archive Network \(CPAN\)](#). The script can be found at: <http://www.cpan.org/scripts/index.html> OR <http://www.cpan.org/authors/id/M/MZ/MZRAHMAN/>

## **Swiftech Automation Pte Ltd., Singapore**

2/2002-4/2002

Web: <http://www.swiftech.net.sg>

### **Systems Manager**

Swiftech is a value added service provider in Singapore. My responsibilities are as follows:

- Disaster Management/ Network Emergency recovery.
- Monitoring the servers for performance, and optimise the network for best service.
- Assuring security for the network.
- Working under Redhat Linux environment, and install various solutions and new services.
- Writing web based ISP management scripts for the Helpdesk and the administration to ease the operation.
- Editing, Troubleshooting and Updating the Web based E-mail client and web based user's utilities for customers.
- Implementing Freeradius with MySQL and also working together with XTRadius.
- Upgrading and troubleshooting a new Webmail System for <http://mail.swiftech.com.sg> using the best open source PHP webmail software Horde.

## **Dhakacom Limited, Dhaka, Bangladesh**

10/2000-12/2001

Web: <http://www.dhakacom.com>

### **Chief Technical Officer**

Dhakacom is one of the topmost Internet Service Provider in Dhaka. My responsibilities are as follows:

- Taking care of all the equipments in the NOC.
- Disaster Management/ Network Emergency recovery.
- Monitoring the servers for performance, and optimise the network for best service.
- Assuring security for the network.
- Working under Redhat Linux environment, and install various complicated solutions in different customers place i.e. E-mail mirroring and synchronisation server.
- Configuring the leased port customers, and helping the technical team to implement the leased port.
- Writing web based ISP management scripts for the Helpdesk and the administration to ease the operation.
- Configuring and maintaining the Cisco 2610 and Cisco 3640 routers.
- Editing, Troubleshooting and Updating the Web based E-mail client and web based user's utilities for customers.
- Maintaining the Radius (XTRadius) server for the dial-in users.
- Maintaining the Squid proxy server (5 servers - transparent).
- Installing and troubleshooting a new Webmail System for <http://mail.dhakacom.com> using the best open source PHP webmail software Horde.
- Installing, troubleshooting and maintaining a Oracle server under Redhat Linux for the new Billing Solution developed for Dhakacom Ltd.
- Helping the Oracle programmer to write the Pre-paid solution for Dhakacom.

## **Partex Group, Dhaka, Bangladesh**

9/1998-9/2000

Web: [http:// www.partexgroup.com](http://www.partexgroup.com)

### **System Administrator**

Partex Group is a one of the top five group of companies in Bangladesh having a revenue earning of 300 Million Dollar per year. I started my job actually as a project manager to start an ISP in the city. My responsibilities were:

- Project management:
  - ....Selecting and buying the hardware equipments for the ISP
  - ....Choosing the OS platform for the ISP and buying.
  - ....Getting the telephone infrastructure ready for dial-in.
  - ....Getting the VSAT operator and installing the VSAT.
  - ....Supervising the whole project as whole.
- Getting trained on CISCO 3640 routers, 3COM/USR TCM (Total Control Manager), Zyxel Rack Modem, Async Moxa Servers, and SCO Unix in Singapore.
- Installing the whole ISP network in Redhat Linux.
- Maintaining and modifying the billing software written in Perl.
- Writing scripts in Perl to automate ISP management.
- Operating the Helpdesk Team and giving occasional support training.
- Operating and giving training to the Technical Team.
- Looking after all the technical matters relating to the ISP machineries.

## **Dildar Trading & Consulting - Based in Switzerland, Dhaka,**

3/1998-12/1998

### **Web Designer and consultant (Freelance)**

This is an outsourcing company which gets it's web projects of Switzerland done in Bangladesh. I worked with them by communicating only through e-mail. My responsibilities were:

- Home Page designing.
- Graphic design and overall site maintenance.
- Giving solutions to various crucial problems related to Internet, database, web.

The websites I designed for them are:

- Bard & Cie - A real Estate company base in Geneva, Switzerland.
- Airport Watch Centre - Geneva Airport watch mall's online catalogue. URL: <http://www.aghbo.ch>, <http://www.aghbo.ch/awc/>

## **Global Pace Management Consultant., Dhaka,**

3/1998-4/1998

### **Web Designer (Freelance).**

This is web consultant company based in Dubai, but they a bangladesh unit to do their web work. Responsibilities include:

- Web desginging,
- Graphic design,
- Site maintenance Sites designed for:
  - Dubai Civil Aviation home page. This is the home page for DCA and Dubai International Airport.

## **Information Services Network (ISN) - ISP, Dhaka, Bangladesh**

9/1997-11/1997

Web: [http:// www.bangla.net](http://www.bangla.net)

### **Web Master and Designer (Part Time).**

ISN is the first Internet Servicer Provider in Bangladesh. My responsibilities were:

- Web desiging and scripting
- Web Maintenance, updating, correcting, and improving the pages.

Wesite designed for:

- Industrial Promotion and Development Company of Bangladesh Limited (IPDC).

## **Communiqué, Dhaka, Web Master and Designer.**

8/1997-8/1998

Communiqué is the first Bangladeshi fortnightly on the NET. My responsibilities were:

- Home Page designing.
- Web Maintenance, updating, correcting, and improving the pages.
- Site Monitoring.

## **Global Amitech Ltd, Dhaka Web Master and Designer.**

2/1997-7/1997

Online News Service (News from Bangladesh), Web Authoring and Hosting. My responsibilities were:

- Home Page designing.
- Designing Site Layout.
- Graphic Design for the Web.
- HTML and CGI solution.

Wesites designed for:

- <http://www.pace-man.com> - A UAE company named Pace Management Ltd.
- <http://www.pace-man.com/buiscit> - A Dubai company named Strategic Food Ltd.
- [http://www.bangla.net/bd\\_news/aaa](http://www.bangla.net/bd_news/aaa) - A test project for a company named AAA in Ohio, USA.
- <http://www.bangladesh-web.com/univ/ewu> - A local University Home Page named East West University.
- <http://www.bangdesh-web.com> - Global Amitech's (A local IT company) home page.

## **Technologies Unlimited, Dhaka, Freelance Web Administrator.**

6/1996-8/1997

Responsibilities:

- Creating a Web based BBS in Windows NT 4.0
- Designing a home page for a Web Service named Durjoy.

Work done:

- Installing a Web Server in Windows NT 4.0.
- Installing a BBS.
- Authoring a Home Page for the proposed Server named ?Durjoy Home Page?.
- Durjoy Home Page can be found at <http://www.geocities.com/Eureka/Park/2939>

## Education

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**Independent University Bangladesh(IUB) -**

**<http://iub.bd.edu>, Dhaka,**

**, June 1999**

B. Sc. (Bachelor of Science)

- Major: Computer Science
- Minor: Business Informatics

## Languages

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- English (Excellent)
- Hindi (Intermediate)
- French (Poor)
- Bengali (Excellent)

## Professional Certifications

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[Brainbench]

- Linux Administration (Redhat)
- Master Computer PC Essential User
- High IT Aptitude Performer
- Windows 98 Power User
- Technical Helpdesk
- Written English Professional

## Skills

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- Linux/Unix: Redhat 6.x/7.x, SCO Unix, Sun Solaris 8, sun Solaris 9.
- Programming: Perl, C, Shell scripting under Linux, Capable of learning any language.
- Windows: Windows 9x,2000,NT. Deployed several complete network with Windows NT
- Graphics: Adobe Photoshop, Macromedia Flash, Macromedia Firworks
- Web Designing: Frontpage, Macromedia Dreamweaver
- Web Development: CGI Scripting, Javascript, VBScript, PHP
- Networking: LAN/WAN/MAN, Intranet, Netware, Wireless LAN (RadioLink), TCP/IP
- Hardware: Cisco 3640 and 2610 Router, 3COM/USR Total Control Manager (TCM), Cyclades PR3000 Access Server, HP Advance Stack Switch and Hub, Satellite Modem (ComStream), ALR 9000 (Gateway), IBM Netfinity M10, HP NetServer LH III, HP NetServer E50, Dell PowerEdge, SUN Ultra 10s, SUN Netra X1, Donovan Sparc Systems, Sun E220R, Sun Netra T1, Cobalt Servers.