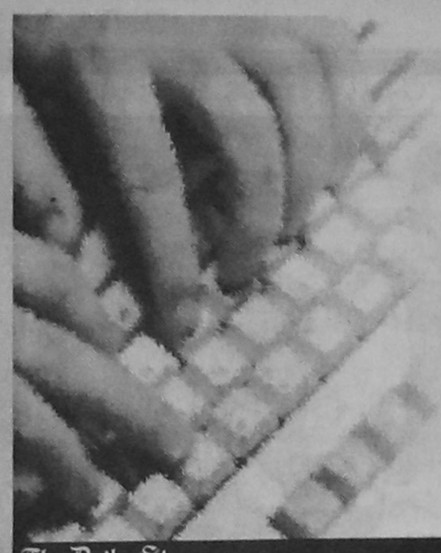


BCS SOFTWARE EXPO 2000

SOFTWARE .Com TRAINING INTERNET

3-5 August 2000

The Daily Star SPECIAL SUPPLEMENT August 3, 2000

MESSAGE

I am pleased to learn that the Bangladesh Computer Samity (BCS) is going to organise the BCS Software Expo 2000 in Dhaka on August 3-5 next. I have come to know that the exposition will highlight software, internet and training. This is a timely venture since the growth of information technology (IT) is closely linked with the dissemination of knowledge and skill. The exhibition also reflects the enabling environment created by the present Government under the able and dynamic leadership of the Prime Minister Sheikh Hasina towards the development of IT industries in the country.

The Government declared IT as a thrust sector and has been providing it with all sorts of support including duty-free import of computers, tax holiday and protecting intellectual property rights (IPR). The Government has also created a hundred crore taka equity development fund to support viable training programmes in software development. I believe the Bangladesh Computer Samity can play a significant role in implementing the government policies aimed at the development of IT sector.

I am confident that the BCS Software Expo 2000 will provide a unique opportunity to share knowledge and experience in information technology and highlight the achievements we have made so far in this sector.

I think the organisers and participants of the exhibition and wish them all success.

Joi Bangla, Joi Bangabandhu
May Bangladesh Live Forever

Shah A M S Kibria
Minister for Finance

MESSAGE

I am highly privileged to be able to address all members of the Bangladesh Computer Samity (BCS) and express my sincere thanks for this BCS Software Expo'2000. This 3-day BCS Expo'2000 is the first of its kind in Bangladesh where the leading Software Developers, Training Institutes and Internet Service Providers are participating and showing their capabilities for both the local and the export market, under one most suitable umbrella that unites all sectors of IT, and that the founders of BCS always thought about.

I would like to repeat with you all that we are already into 2000 and that means 1900's are all gone, past, and that's now in history. What that means for us is we must think afresh, and must not attempt to predict the future by extrapolation on the past. That would be a very silly act. Let's put in an album what we did in the past, but let's not waste any more time on the past. Let us be realistic, and let us not tell lies.

The new millennium is the IT millennium. This IT revolution is not that will happen in the future, it is happening NOW and TODAY, and it is riding clearly on the Internet, which, I am sorry to say, both my country and all of us ignored terribly before now. This has to be corrected, today. We must be connected today. We have wasted several years, and we can only fix it by doing this very fast. Our mission right now is to educate one and all, and tell them that we will surely be left behind in the dustbin of history if we do not learn fast that Internet is a must. It is a must for education, for public service, for financial transactions, for software export, for everything that matters today.

This is not the time to listen to the small gripes and complaints of anybody, and this is the time to break the Digital Divide that is quickly overtaking these 140 million people. Education of the last century will not tell us this, we have to learn the education of today.

I take this opportunity to express my gratitude to all members of Samity who worked very hard to make this BCS Software EXPO 2000 a success. I am specially grateful to our Honorable Minister for Finance Mr. Shah A M S Kibria, Honorable Minister for Industries Mr. Tofail Ahmed, Honorable minister for Science & Technology, Lt. Gen.(retd) Noor Uddin Khan, Honorable State Minister for Information, Prof. Abu Sayeed, Professor Jamilur Reza Choudhury, Advisor, National Standing Committee on Software Export, Dhaka, who despite their very busy schedule have been kind for honoring our request for gracing this show.

I also welcome the guests from different segments of society and thank them for their interest to see our services (software, training & Internet) that we can provide. Without your presence dear guests, this show would have no significance. And with your presence this will boost our confidence too.

I'm grateful to all the participating members of this show who make this as another milestone of our Samity that envelopes all sectors of IT, be it hardware, or software, or education, or export... you name it. We don't need to divide any of these. Actually you can't divide it, these are the cells that make up the body of the IT industry. Let us forget the divisive actions by misled people in the past, and forgive all.

We may have made mistakes, but we all have tried our best to get the most out of this through constant sincere efforts. In organizing such an exhibition our faults, problems, and limitations have been identified and we hope this will be the guideline to do better in the future. You too should tell us more how we can improve BCS and its activities for the greater good of all.

Finally my thanks to our founder President Mr. Sayeed M Kamal for his valuable advice to organize this show. In addition I would like to extend my special thanks to Engr. Atiqul Ahsan, General Secy, Mohiuddin Bhuiyan, Jt. Secretary, Nazmul Haque, Treasurer, Forkan Bin Quashem and many others who volunteered their services to make this show successful. Frankly, without their dedication this would not have been possible.

Thank you very much, and once again, I welcome you all.

Abdullah H. Kafi
President, BCS

IT Skills in New Millennium : Case Study of USA

by Engr. Md. Atiqul Ahsan

WELCOME to the world of information technology. Computers, Software, the Internet, Wireless .... all these things are changing society, transforming the nature of work and exerting a powerful influence on the global economy. So, there are many good reasons to discuss about the career in information technology industry in recent times. Employers have created a demand for roughly 1.6 million IT workers in 2000 in USA only. Half of the demand will go unfilled. In a total US workforce of 10 million, this shortfall means that one job in every dozen will be vacant.

The table shows the difference between demand and supply for the eight categories.

A study of the Information Technology Association of America (ITAA) explains how dramatically changed the composition of the US workforce by producing an unimaginable demand for IT workers. The study offers findings in four major areas:

(1) The overall size of the IT workforce, the demand for qualified workers and the gap between supply and demand

(2) The hottest, most in demand jobs

(3) The skills workers need to grab one of these skills

(4) The best ways for workers to acquire these skills

The overall size of the IT workforce, the demand for qualified workers and the gap between supply and demand.

• The 10 million strong workforce of IT workers is far larger than one might expect. The number does not include jobs in government, non-profit organizations or small entrepreneurial firms. It provides evidence of a sea change in the nature of work and emphasizes that the Internet and IT have become the twin pistons of the national economy of USA.

• The demand for IT workers is large and growing. Employers will attempt to fill 1.6 million new IT jobs in 2000.

• The demand of IT workers is widespread with interesting variations by geographic region. The south has the largest number of IT workers overall. The Midwest has the largest demand for IT jobs — 35% of the total. The western region is second largest with 28% of the total demand.

• The greatest need for IT workers is in the largest segment of economy — smaller non IT firms. Companies with 50-99 employees need one million IT workers next year (2001) or 70% of the total demand for all new IT employees. This group also has the highest skills gap; managers from these firms reported the highest rate of unqualified applicants and the greatest difficulty in filling positions.

• While non-IT companies have more aggregate demand, the average IT company has far more jobs to fill — five times as many jobs for tech support representatives, six times as many for web developers, 12 times as many for database developers.

The hottest, most in demand jobs

• Technical support jobs are in demand by both IT and non-IT companies alike (one third of all new positions by April 2001), required skills ranked highest for technical support jobs by managers were 1) Troubleshooting (97%); 2) Facilitation/customer support service

Continued on page 7

Table

IT career cluster	All companies 50+ employees Demand	Gap
Tech support	616,055	327,835
Database Dev/Admin	271,487	147,489
Programming/SW Engr.	213,890	109,948
Web/Digital Media	192,411	104,106
Network Design/Admin	165,585	79,374
Tech Writing	63,753	31,167
Enterprise Systems	46,337	22,077
Other	38,980	21,332
Total	1,608,499	843,328

MESSAGE

It gives me immense pleasure that Bangladesh Computer Samity (BCS) is organising the BCS Software EXPO 2000 on August 03-05, 2000. It also gives me more encouragement that BCS is going to organise this maiden show with an objective to explore export markets for computer software and services. I would like to take this opportunity to congratulate Bangladesh Computer Samity for this promotional effort.

It is encouraging to note that the BCS computer show has become one of the premier trade events in Bangladesh. With the rapid and continued advancement of information technology, particularly the communication network, the world has become a global village, which is exemplified by the BCS Software EXPO 2000.

I believe his show would provide a unique opportunity for software developers, service providers, and training service providers for their latest development to the local and international visitors.

I wish the BCS Software EXPO 2000 a grand success.

Tofail Ahmed
Minister for Industries

COMPANY PROFILE

Computer Services Ltd.

COMPUTER Services has been established as an IT Company in Bangladesh with a large client base. Since its inception in 1987, Computer Services has been consistently providing reliable service and support to each one of its clients.

The Mission: Computer Services is focusing on becoming a highly credible and productive IT company backed by customer care.

Commitment to Services: The key to the company's success is the maintenance of a close working relationship with the clients thorough ensuring the best possible solutions to their needs; to establish and maintain a through knowledge and understanding of clients' objective and help them maximize the ultimate benefits.

Why Us: Computer Services is your best choice in computing and IT services because, we provide the full spectrum of service starting with Feasibility Study to System Integration to after sales support like no one else in Bangladesh.

• Our strength lies in our ability to blend current management practice and IT expertise into cost-effective Computer Aided Management solutions

• We understand the need for skill transfer to client personnel.

• We have experience on rapid application development, traditional /object oriented methodologies.

• We have technically competent and highly professional hands in serving companies in Bangladesh.

• We have the best people and we are proud of them.

Technology

• ***Platforms*** — Unix (IBM RS/6000), Windows NT, 98, VMS (IBM ES-9000)

• ***Databases*** — Microsoft SQL Server, DB2, Oracle, Informix, MS-Access, Visual FoxPro

• ***Languages & Tools*** — VC++, VB, VFP, Developer 2000, MF COBOL, JAVA, Object Oriented Methods

Our Vision: Our vision is to build and secure a leading position in the expanding software industry by providing best-of-breed services to enable our partners and customers to compete effectively using the latest technologies.

Our Products & Services

• EZHR- Integrated Human Resource Management System

Σ EZFund- Trust Fund Management System

• EZBusiness- Instant Financial System

• EZBank- Integrated Banking System

• EZLife- Integrated Life Insurance System

• EZPay- Payroll System for Manufacturing Industry and NGOs.

• EZSales- Sales Distribution and Depot Management

• EZShare- Share Management System

• PRABARTAN- With Bangla Speller

• Type Master- (Bangla Typing Tutor) First time in Bangladesh

• EZInsurance- Integrated Insurance System

Our services range from custom turnkey solutions to supplementing your staff. Our developers are well qualified in all phases of the application development life-cycle. This enables us to assist you in the delivery of successful project.

Typically, our projects involve comprehensive requirement analysis, design, software development, implementation and maintenance.

We have the experience to provide ERP/MRP-II solutions to make your organization ready for the next century. Our experienced consultants will assist you starting from need analysis to business system study to implementation to final rollout of the project.

In addition to writing effective software for a variety of businesses, Computer Services has expanded its expertise into hardware arena. We understand the hardware and the operating systems, a powerful combination for business who are looking for a single source vendor.

However, buying a system should not end with the purchase. Our after-sales services extend help and support as long as you need it. We do complete installation and perform pre-installation training of your personnel. We make sure they are conformable with the programme before installation takes place.

Computer Services will not leave you frustrated or perplexed with software or hardware problems. Our capable staff has been trained to respond to any emergency-quickly and efficiently. We know how much you have grown to depend on your computer to let your business operate.

Working Together : We, at Computer Services, like to develop long-term association with our clients. We will understand your company and its operations, its internal and external constraints, its past growth and future plans, its business setting and other matter before developing any software. You will get software and systems that are designed for your specific needs, solve your company's problems and lead your company to higher profitability.

We Can:

• Review your existing software and systems to formulate, documenting various alternative strategies to strengthen computerization in your company;

• Develop software against specifications or upgrade your existing software;

• Implement computerized systems in your company on turnkey basis;

• Study your company and its operations; formulate information requirements; present company management with a blue-print of the proposed systems specifying in detail HOW the systems will work and WHAT they will do;

• Carry out the detailed software engineering;

• Prepare detailed user and system manuals; train users if necessary; install the systems; supervise the initial runs; review the system working in detail; wait for the final user acceptance report and only then sign off;

• Prepare a long-term computerization plan, covering both hardware and software planning for the next few years or so;

• Advise your company on all aspects of systems management like systems planning, systems development & implementation, EDP reviews and audits, evaluation of technologies etc.

• Depute software professionals with requisite skills at your site to carry out the desired assignment(s) for the specified time period.

Some of Our Valued Clients

Bangladesh Post Office
British American Tobacco
Bangladesh Company Ltd.
OPSONIN Chemical Industries Limited
Bangladesh Navy
Grameen Phone Limited
University of Dhaka
Rhone-poulenc Rorer Bangladesh Ltd.
Fisons Bangladesh Ltd.
Lafarge Surma Cement ltd.
Tropical Homes Ltd.
Service Super Store

CSL SoftwareResources Ltd.

CSL SoftwareResources Ltd. was formed to create customize software that delivers on your vision, software that builds intelligence into your products or services giving you a compelling competitive edge. Our proven track record of using state-of-the-art architecture and software components consistently delivers quality results.

Sometimes the competitive edge is just an innovation away. But where does the inspiration come from? At CSR, we work **with your ideas** to create superior quality software tailored **to meet your needs**. We immerse ourselves in your business to help nurture the ideas and guide the end results. Then we put ourselves in your shoes or your customers' shoes to create software you will be proud to own, publish, and brand with your name. A true partnership — a shared vision to create the best software possible that answers a need and keeps you moving toward the top.

Software development is a science and we take it seriously. But it's also a creative process, and **we infuse imagination into everything we do**. It's a balance of knowing the right questions to ask, and then answering them creatively. What bring this harmonious approach to life are the professionals at CSR.

We assemble **the most qualified team of professionals** to meet your needs — people who know technology instinctually, and love the thrill of the hunt to solve a software problem. At CSR, everyone who touches a project adds value to it along the way, bringing with them an open mind and a quest for being the best.

CSR sells customers dream teams to help build competitive advantages into their service, information, or electronic products. We work with customers to identify areas where they can create enduring competitive advantages through information technologies and

Continued on page 7

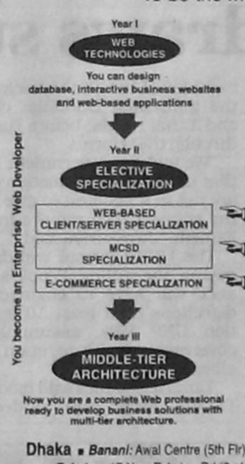
Announcing The new eACCP program

In the new Internet millennium, it's a must.

Brilliant Career! Beautiful Life!

The eACCP program encompasses the most advanced Internet and e-com technologies to establish you as the ultimate Web expert. Its curriculum is constantly upgraded to accommodate changing versions so you are always in tandem with the rest of the world.

To be the most sought-after Internet professional globally, enroll now.



APTECH
COMPUTER EDUCATION
www.aptech-globaltraining.com

WE CHANGE LIVES

eACCP Advantages:
- INTERNET TECHNOLOGY FOCUSED CURRICULUM
- SPECIALIZATION OPTION
- INT. CERTIFICATION MICROSOFT & SUN JAVA
- MERIT SCHOLARSHIP
- E-COM PROJECTS
- JOB PLACEMENT NETWORK
- DEGREE OPTION

Dhaka ▪ *Banani:* Awal Centre (5th Flr), 34 Kemal Ataturk Avenue. Tel: 9886539, 601990 ▪ *Dhanmondi:* 7-13 Satmasjid Road, (4th Flr). Tel: 9128354-8 ▪ *Eskaton:* 17 New Eskaton Rd (2nd Flr), Maghbazar. Tel: 9350531, 9341761 ▪ *Kakrail:* Metropolitan Scout Bhaban (1st Flr), 54 Inner Circuler Rd. Tel: 8319091, 8317357 ▪ *Mirpur:* Plot # 27-28, Main Rd, Block-Kha, Section-6. Tel: 8019179, 8019538 ▪ *Old Dhaka:* 2 English Road (1st Flr). Tel: 7118644, 019342245-6 ▪ *Uttara:* House # 1/A, Rd # 4, Sector # 4. Tel: 8917264, 8918415
Chittagong ▪ *Agrabad:* 5 Agrabad C/A, Southland Center (9th Flr), Chittagong. Tel: (031) 712497, 716119 ▪ *Lalkhan Bazar:* Engineers Institution Building, S.S. Khaled Sarak, Chittagong. Tel:(031) 622182, 610048 **Comilla** ▪ 186 Nazrul Avenue, Kandirpar, Comilla.Tel: (081) 77248, 017 797214
Khulna ▪ Alhaj Latif Mansion, 72 K.D.A. Avenue, Khulna. Tel: (041) 723578, 722010 **Sylhet** ▪ Biman Bhaban (2nd Flr), Majumdari, Sylhet. Tel:(0821) 723349-50 **Narayanganj** ▪ 29 Shayesta Khan Rd, (Opposite to Court Building), Narayanganj. Tel: 018 222874, 7610842-3
Bogra ▪ Dr. Yasin Plaza (2nd Flr), Nawab Bari Rd, Bogra. Tel: (051) 72197, 3758
Rajshahi ▪ Plot # 284, Sector # 2, Housing Estate, Rajshahi - 6202. Tel : (0721) 761663-4

ASIATIC-JWT

BE SURE It's Legal

Insoft Systems Limited

Microsoft® OEM PARTNER

Corporate Office :

Ahamed Tower, 5th Floor, House # 54/1, Road # 4/A, Dhanmondi, Dhaka-1205. E-mail:insoft@global-bd.net , Website:www.insoftbd.com