

STATE UNIVERSITY OF BANGLADESH (SUB)



Course Code: CSE-0410

Course Name: Parallel Processing and Distributed System Lab

Semester: Summer-2021

Submitted to:

Khan Md. Hasib

Lecturer,

Department of CSE, SUB

Submitted By:

Name: Md. Rafiqul Islam

ID: UG02-47-18-021

Batch: 47th

Email: rafiqul1912islam@gmail.com

IBCS-PRIMAX Software (Bangladesh) Ltd.

IBCS-PRIMAX Software (Bangladesh) Ltd. is primarily an onshore and offshore software development and system integration house. Here offshore means company works with freelancers and onshore means company works with local workers. That means this company works with both freelancers and local workers. Started its journey in 1989 and now a CMMI Level 3(Capability Maturity Model Integration) and ISO 9001: 2008 certified company and partner of Oracle, RedHat and Zend.

IBCS-PRIMAX Software (Bangladesh) Ltd. is a name built through years in the field of computer-centric development, integration and solutions providing services for desktop and web-based ICT needs.

Type of this company:

IBCS-Primax Software Bangladesh Ltd. is a Big Data service provider. It specializes in Web Development, Software Development, Big Data, IT services. As a pioneer in software development and system integration (SI) IBCS-PRiMAX is an established leader in the field of information technology and has distinguished itself as a system, service and a total solution

provider capable of satisfying the IT needs of their valued clients; operating in multiple business verticals: telecommunications, banks and insurance companies to multinational corporation, Non-Government Organizations (NGO), Government departments, Public and Private sector enterprises. IBCS-PRiMAX has been satisfying the dynamic information needs of the most demanding organizations with its IT expertise, software and hardware solutions. As a CMMI – Level – 3 certified company IBCS-PRiMAX has adopted international standard and best practice quality assurance capability with regards to software development life-cycle delivery and to extend delivery of quality software products.

IBCS-PRiMAX key differentiators in providing IT solutions and services include:

- Oracle Certified Advantage Partner for Applications (Enterprise Business Suite /ERP Applications).
- Oracle Certified Advantage Partner for Core technology, Data ware House and Business Intelligence).
- Oracle Education Partner (Workforce Development Program).
- Oracle First Line Support (FLS) Partner.
- RedHat Authorize Training & Exam Partner.
- Over 300+ successful IT project implementation referrals.

This company works for:

Departments of this company:

- Customized Development
- Web Development
- IT consulting
- Enterprise Application
- Migration
- Hardware and networking
- Testing and QA
- ICX and IGW
- Data warehousing and Business Intelligence
- Project management
- Support and maintenance

Client categories:

- Telecom
- Government
- Education
- Bank
- Insurance
- Leasing
- NGOs
- Hospitals
- International
- PHP Group

Customized Development:

IBCS-PRIMAX Software (Bangladesh) Ltd. has in its custody the unparalleled experience in development of customized ICT

software solutions. The solutions provided by IBCS-PRIMAX so far are well analyzed as to the clients requirements and featured with scalable and robust solutions, at the same time in costs reduced awfully comparing with others in the field.

IBCS-PRIMAX's customized software solutions are:

- Offshore and onshore development.
- Windows & UNIX/Linux based development.
- WAMP based and LAMP based development.
- Embedded software development.
- Database design, development & maintenance.
- Data security, data backup and restoration.
- Software re-engineering, cloning, remodeling.
- Windows mobile & device programming.
- Software to software and software to database integration.
- Web design, development, maintenance & troubleshooting.
- Desktop and web based application development.
- Web services development and maintenance.
- Multi-user and multi-tier software solutions.
- Customized ERP and CMS development.
- Technical documentation, help system, installation and user guides.
- Online reports development.

Web development:

IBCS-PRIMAX offers its unique services in web development ushered from its long technical experience and hands on expertise, mixed with its innovative e-commerce leadership and creative thinking.

From robust ERP solution to simple web services development, IBCS-PRIMAX's web development team stretches its experienced hands to provide the best services in a timely manner through well analyzed system and effective development methods.

IBCS-PRIMAX's web technology services include:

- Website design and development
- Database design, development, programming and maintenance
- Data integration
- Online forms and data entry
- e-Commerce solutions
- Social Networking Solution
- CMS Customization
- Graphic Design
- Search Engine Optimization(SEO)

IBCS-PRIMAX Software (Bangladesh) Ltd. use the latest technology trend including LAMP (Linux + Apache + MySQL + PHP) / WAMP (Windows + Apache + MySQL + PHP) based solutions.

IT Consulting:

Companies, organizations, government, semi-government and autonomous bodies face various challenges while identifying appropriate ways to run the process, reduce operating costs and maintain profitability in the face of soaring customer expectations, finding ways out to reduce the process duration, respond effectively to the increased and advanced market demands and technology trends; find solutions to the day to day operational problems by standardizing and simplifying procedures and practices.

Such a situation, whenever we cannot find out the best practices and best solutions for our technology involvements, IBCS-PRIMAX comes forward with the best solutions for us. They are ready to share their expertise to find out the best solution for our ever-increasing data and all other factors influencing our business and work flow procedures.

Their consultants and experts have the answer to almost all of your problems. They are capable to operate our business processes, applications and building up the infrastructure, enabling us to focus on our core strengths and pursue new opportunities.

They extend their consultancy services in the situation when there is an atmosphere of extreme price sensitivity, customers are demanding more service, more convenience and more personalized communications; they have to maximize every interaction with their customers to make positive impression and drive loyalty and preference.

IBCS-PRIMAX, through its consultants and experts innovates the ways for shifting our focus from your products and channels to our customers, which means, streamlining and integrating our sales, marketing and customer service.

Enterprise Application:

With the fast changing market conditions and business scenarios, enterprises are expecting unprecedented support and business continuity from their IT application portfolios. Enterprise Application Services (EAS) practice at IBCS-PRIMAX offers package and platform-led services to transform customer's business and IT operations. The group leverages its Blue Ocean global alliances with SAP, Oracle and Microsoft to deliver services spanning from blue printing, development, deployment, global rollouts to application maintenance and support in areas such as ERP, CRM and SCM. With a strong team of 100+ ERP consultants expert in integration, best-in-class implementation and upgrade tools and accelerators, IBCS-PRIMAX is a partner of choice for enterprises across industries for revitalizing their existing ERP investments.

Migration:

Organizations sometimes face the problems with their existing systems that are outdated or need to be enhanced or upgraded to cover the latest requirements and technology integration.

IBCS-PRIMAX's Application Migration solutions are tailored to help organizations deal with problems. Their offer covers integrating multiple databases, languages/tools and systems allowing seamless migration of applications from existing environment to similar or totally different environment. Investing its ICT experience of more than 21 years, IBCS-PRIMAX makes organizations manage and structure their IT needs in the changed demands and architecture, minimizing their costs and at the same time enhancing the company performances.

From database migration to language migration, application migration from one tool to another tool, one OS to another OS, one platform to another platform, from desktop to web-based system, etc. fall under the migration services of IBCS-PRIMAX.

Services include:

- Both hardware and software level migrations
- Database Migration
- Languages/Tools Migration
- Operating System Migration
- Code Restructuring
- Risk Management
- Pre and Post Migration support
- Reduced time-frames, sliced-down costs

Hardware and Network:

Services includes:

- Hardware Sales.
- Hardware Setup & Maintenance.
- Network Setup & Maintenance.
- Microsoft SharePoint Service Setup & Configure.
- Internet Proxy Server Configure including bandwidth management and Setup security policies for users, create and maintain firewalls and control internet accessibility of users.
- Mail Server setup, Configure & User Domain and E-mail administration (setup and maintaining account).
- Prepare evaluations of hardware and recommend improvements or upgrades.
- Conducting and verifying the validity of backups of the servers and take backups.
- Manage protection from Viruses and any other security threats.
- Update system as soon as new version of OS and application software comes out.
- Implement the policies for the use of the computer system and network.
- Verify that peripherals are working properly and quickly arrange repair for hardware in occasion of hardware failure.
- Hardware training on OS and application Software installation.

Project Management:

Project management is the area IBCS-PRIMAX has mastery over. From its inception in 1989 to 2010, it has successfully completed more than 300 projects for the clients from home and abroad.

None of the other IT firms in this region of South-East Asia has such a large portfolio in project management arena.

IBCS-PRIMAX is proud to extend its helping hands in project management for Their clients in managing their ICT related tasks and for a successful completion.

Main objective of this company:

The main objective of this company is provide best services to their client. IBCS-PRIMAX's main focus is on maintaining the quality of its products irrespective of what the client demands or not. That means, a client may not be aware of the quality of a product and is satisfied only with a rough solution. In such a case, only a temporary solution may satisfy the client, but IBCS-PRIMAX Software (Bangladesh) Limited will never do that. Rather IBCS-PRIMAX will analyze the need of the client and scope of the development. After that, with a clear focus on the customer's needs and today's technology trend, come up with the best solution for the client even if the client is not ready to pay for such extra efforts.

Career in IBCS-PRIMAX Software(Bangladesh) Limited:

From the past job circular I collect some information about what is the requirement to get a job in IBCS-PRIMAX Software(Bangladesh) Limited.

For a fresher software engineer(java):

Educational Requirements:

- Bachelor of Science (BSc)
- Bachelor's Degree in Computer Science& Engineering from any reputed university with excellent academic background

Experience Requirements:

- At least 5 year(s)

Job Responsibilities:

- Ability to develop and/or maintain software capabilities using Java software development environment like Grails/ Spring
- Designing and developing software and/or multi-tier web applications using programming languages to include: Java/Java EE, Swing, Hibernate, spring, Struts, JQuery, and JavaScript & JSON.
- Strong logical/critical thinking abilities, especially analyzing existing database schema, application architectures, and developing a good understanding of data models.

Additional Requirements:

- Both males and females are allowed to apply
- Good Experience with Java and the Java ecosystem

- Good Experience Groovy as a programming language
- Good Experience Grails as a web framework
- Writing Unit/Integration Tests
- Good knowledge of RDB systems, especially Oracle, MySQL
- Knowledge of Spring frameworks (e.g., Batch, Integration, Security, etc.)
- Experience with HTML, CSS, LESS, Twitter Bootstrap
- Experience having worked in a virtual team is a plus
- Only Experienced in related sectors candidates should apply
- Must have good command in English.

For a senior level like deputy manager:

Responsibilities:

- Ability to develop and/or maintain software capabilities using Java software development environment like Grails/Spring
- Designing and developing software and/or multi-tier web applications using programming languages to include: Java/Java EE, Swing, Hibernate, spring, Struts, JQuery, and JavaScript & JSON.
- Strong logical/critical thinking abilities, especially analyzing existing database schema, application architectures, and developing a good understanding of data models.

Education Requirements:

- Bachelor of Science (BSc)
- Bachelor's Degree in Computer Science& Engineering from any reputed university with excellent academic background

Additional Qualification:

- Age at most 35 years
- Both males and females are allowed to apply
- Good Experience with Java and the Java ecosystem
- Good Experience Groovy as a programming language
- Good Experience Grails as a web framework
- Writing Unit/Integration Tests
- Good knowledge of RDB systems, especially Oracle, MySQL
- Knowledge of Spring frameworks (e.g., Batch, Integration, Security, etc.)
- Experience with HTML, CSS, LESS, Twitter Bootstrap
- Experience having worked in a virtual team is a plus
- Only Experienced in related sectors candidates should apply
- Must have good command in English.

Experience:

10 Years

Advantage of this company: The main advantage of this company is it's a local company and also they work with both offshore and onshore workers. BCS has offices in two largest

cities of Bangladesh the Capital city of Dhaka and the port city of Chittagong. Also it's a CMMI Level 3 and ISO 9001: 2008 certified company and partner of Oracle, RedHat and Zend.

IBCS-PRIMAX is equipped with 90 plus fulltime IT professionals including certified professionals on Oracle and other technology stacks; all having in depth command on the latest IT development and management tools. This makes IBCS-PRIMAX the best place to offer the best IT solutions.

Sources:

- <https://www.ibcs-primax.com/ibcs-onweb/>
- <https://www.facebook.com/Ibcs.Primax.Software.Company/>
- <https://www.linkedin.com/company/ibcs-primax-software-bangladesh-ltd./>
- <https://dohaj.com/job-details/software-engineer-java-ibcs-primax-software-bangladesh-ltd-92678>
- https://rmgjobs.com/job_details_officer.php?jobpost_id=4403