

# Curriculum Vitae

**Md. Hosen Sohrowardi**

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## PROFILE

- Ardent to obtain a challenging position in a reputed organization that will ensure highest exploitation of my education and accumulated knowledge
- Decisive and results-driven; good communicator, leadership; high integrity

## CURREN POSITION:

TechnoVista Ltd.  
North Tower (12 floor), House Building,Uttara, Dhaka

## EXECUTIVE SUMMARY:

More Seven years of experience in software design, development and Implementation of Client/Server, Web, Desktop Database Applications. Solid background in the development cycle of the web/new technology, including design specifications, prototyping, various design pattern, agile methodology, interface development. Quick learner and rapidly adapts any technologies.

## PROFESSINAL TECHNICAL SKILL:

- *Languages:* C#, Java, SQL
- *RDBMS:* Oracle, MySql and SQL Server
- *Open Source:* PHP, Perl, Java Script, JQuery,JSON,HTML,XML,Zend, CodeIgniter
- *.NET:* ASP.NET , WCF,EDMX,MVC,LINQ
- *Tools:*Telerik, Infragistics, Kendo,Ninject, TFS, AutoFac, Angular Js
- *Web Server:* IIS, Apache
- *Reporting Tools:* Crystal Reports

## EMPLOYMENT RECORDS:

**June2012 to Date, Position: Senior Software Engineer**  
TechnoVista Ltd

**Project: Port Automation System for MPA (Mongla Port Authority)**

**Short Description on Project:**

The objective this system is developing an integrated system with traffic, administration, M&E and accounts. The purpose of this system is developed Yard, Transit Shed, Car Parking, Shipping list, Customer Bill generation etc. MPA easily managed container monitoring, tracking, planning by this system. Vessel billing, discharging, shipment, vessel berth, un berth, berth allocation, up-coming vessel and export container etc easily managed by this system. By this system shipping agent, C&F agent etc customers can pay their payment easily.

*Responsibilities:*

- Developed SRS (Software requirement Specifications), Design documentation ( Low level design, High-Level design)

**Project: Developing Middleware Component for Automated Circulation System and Library Automation Devices.**

**Short Description on Project:**

The objective this system is developing an interface between LMS and automation device that facilitated self service in library. The purpose of the middleware component, Member uses the automation device for check in, check out, registration etc. This component integrates the automation device and LMS. Member uses book check out and check in service using automation device without staff interaction, this component communicate with devices and LMS.

*Responsibilities:*

- Developed SIP2 Server

**Project: Service Tracking System for ministry of law**

**Short Description on Project:**

The objective this system is developing judicial employee database and judicial officer's activities.

The purpose of the Service Tracking System (STS) is to store the information of judicial officers and their judicial life cycle information like leave, training, transfer, Promotion etc. Also Store the departmental examination and vacation duties etc.

*Responsibilities:*

- Developed the front end using C#, MVC5, JQuery
- Designed and developed the database and wrote TSQL for Sql Server 2012
- Developed reports using Crystal reports .Net.

**Project: Volunteer Information System for Bangladesh Scouts**

**Short Description on Project:**

The objective for setting up a Volunteer Information System in Bangladesh Scouts web page is to provide a service to the volunteers to register them online.

The purpose of the Disaster Volunteer Information System (VIS) is to store the information of Bangladesh scouts disaster volunteers. These may be trained and non-trained volunteers. The Disaster Volunteer Information System (VIS) is to store and maintain the Bangladesh scouts volunteer information which will be helpful for Bangladesh Scouts to easily search the disaster volunteers to utilize them for different disaster like fire, earthquake, flood, cyclone etc.

*Responsibilities:*

- Developed the front end using C#, MVC4, Kendo UI
- Designed and developed the database and wrote TSQL for Sql Server 2008 R2
- Developed reports using RDLC.

**Project: Aid Information Management System****Short Description on Project:**

Aid Information Management System (AIMS) are designed to assist developing countries in managing their aid flows. It is a software application that record and process information about development activities and related aid flows in a given country. AIMS capture project-level information on commitments and disbursements, by donor, implementer, sector and geographic locations

*Responsibilities:*

- Developed the front end using C#, MVC4, Kendo UI
- Designed and developed the database and wrote TSQL for Sql Server 2008 R2
- Developed reports using Crystal Reports.Net

**Project: Tax Information Retrieval System (TIRS)****Short Description on Project:**

The Tax Information Retrieval System (TIRS) is an initiative by Central Survey Zone, NBR intended to securely exchange the Taxpayer's information electronically between stakeholders and Taxes Circle's communities.

The main functionalities of the Central Survey Zone (CSZ) are to conduct and monitor survey program throughout Bangladesh to increase the income tax base and identify new prospective taxpayers.

*Responsibilities:*

- Developed the front end using ASP.NET, JQuery
- Designed and developed the database and wrote TSQL for Sql Server 2008 R2
- Developed reports using Crystal Reports.Net

**Project: Gate Pass Management System for PMO**

**Short Description on Project:**

Gate Pass Management System for Prime Minister's Office (PMO), the centralized intelligent component which will streamline the management of information between citizens and PMO involved. The system will be used for keeping track of every visitor's entry and exit at PMO for extensive security issues by keeping and monitoring all relevant data centrally.

*Responsibilities:*

- Developed the front end using PHP (CodeIgniter), Kendo UI
- Designed and developed the database and wrote SQL for Mysql

**Project: ERP**

**Module Completed: HRMS**

- Recruitment
- Employee Relation
- Leave Attendance
- KPA

**Payroll  
Sales**

**Short Description on Project:**

The Human Resource Management System is being developed using the latest Microsoft .Net technologies. These systems have Yearly Employee Target Setup and Analysis, Recruitment, Employee Management, Leave Management, Attendance and Training Management Modules and also develop payroll and Sales Module.

*Responsibilities:*

- Developed the front end using ASP.NET MVC2, JQuery, JSON
- Designed and developed the database and wrote TSQL for Sql Server 2008
- Developed reports using Crystal Reports.Net

**November 2010 to May 2012, Position: Senior Programmer**

Popular Pharmaceuticals Ltd.

17 Sukrabad, West Panthapath  
Dhaka-1215, Bangladesh.

### **Project: Sales and Distribution**

#### **Short Description on Project:**

The Sales and distribution is being developed using the latest Microsoft DOTNET .Net technologies. With this system, each sales force assigns a territory or a specific location and take order from customers. Sales and Distribution – which covers Chemist/Customer Information, different business contacts with Chemist/Customer, well managed Field force, maintain & tracking Team activity, field force work plan, sales target, sales forecasting, order collection, invoicing, bonus, discount calculation, delivery, payment collection, Return (Invoice, Product, Damage, Date Expire etc.) and promotional item management.

#### *Responsibilities:*

- Developed the front end using ASP.NET MVC2, JQuery, JSON
- Designed and developed the database and wrote TSQL
- Developed reports using Crystal Reports.Net

### **Project: Data Synchronize**

#### **Short Description on Project:**

The Data Synchronize is being developed using the latest Microsoft DOTNET .Net technologies. It is developed service oriented architecture (SOA) using WCF. Different depot has client application. Which covers define Sales Area (Operational Area, Region, Area, Territory, Market), Define Team, Define Sales Target, Mapping Chemist to Field Force, Define credit policy against the field force, Tracking field force activity, Maintain all sales person work plan (monthly/weekly/daily basis), Sales forecasting (basis on sales of last or current month target).

#### *Responsibilities:*

- Develop Client and Server certification when transfer data in public network
- Developed the Client and Server end services using WCF
- Designed and developed the database and wrote TSQL for Sql Server 2008

### **Project: Material Planning Management System**

#### **Short Description on Project:**

The Material Planning Management System is being developed using the latest Microsoft DOTNET .Net technologies. With this system, on the event of material planning, a Batch is generated. Batch denotes the number of product will be produced

on a given Batch number. According the BOM (Bill of Material-Predefined standard set of measurement to product a product) the material planner issues a Material Requisition to the Supply Chain on the basis of given Batch.

*Responsibilities:*

- Developed the front end using C# , Infragistics
- Designed and developed the database and wrote TSQL for Sql Server 2008
- Developed reports using Crystal Reports.Net

**Project: Purchase Management System (Part of Supply Chain)**

**Short Description on Project:**

The Purchase Management System is being developed using the latest Microsoft DOTNET .Net technologies. With this system after receiving material requisition from material planner Supply Chain then does a Comparative Study. That is they survey the market for the vendors, current price and availability of the required material. Their comparative study results purchase from local market or from foreign market (outside Bangladesh). On Local Market Purchase they issue a Purchase Order to a particular local supplier and on Foreign Market Purchase they open a LC (Letter of Credit) against the purchase order.

*Responsibilities:*

- Developed the front end using C# , Infragistics
- Designed and developed the database and wrote TSQL for Sql Server 2008
- Developed reports using Crystal Reports.Net

**Project: Inventory Management System**

**Short Description on Project:**

The Inventory Management System is being developed using the latest Microsoft DOTNET .Net technologies. With this system, on the event of arrival, Factory receives all the purchased material on the basis of GRN (goods receive note). GRN defines/ matches the purchase quantity and the receive quantity of a given purchase order or LC detail. After GRN all the material received denoted as Quarantine Item and they are about to QC (Quality Check). An Issue to QC is generated for quality inspection of the material arrived. QC results Partial Approval, Reject or Passed. The Quality passed materials then denoted as Free Stock and rejected Items are denoted as NCR and returns to the supplier. Free stock updates the stock. According to the Batch, Inventory Issues the materials to the production floor. On the process of production Stock Transaction Note is maintained for production and packing process.

After production and packing done a QA (Quality Assurance) is done for the products. After passing the QA the inventory update the product stock through a Finished Goods Receive Note (FGRN) process and then Issues the finished products to different product stake holders.

*Responsibilities:*

- Developed the front end using C# , Infragistics
- Designed and developed the database and wrote PL/SQL for Oracle 11g
- Developed reports using Crystal Reports.Net

**November 2008 to November 2010, Position: SeniorProgrammer**

Next Tel Communication  
BSRS Bhaban (4<sup>th</sup>floor), 12 Karwan Bazar,  
Dhaka-1215, Bangladesh.

**Project: Online Order Collection (Glaxo Smith Kline)**

**Short Description on Project:**

The Online Order Collection is being developed using the latest Microsoft .NET technologies. With this system pull sales order from MySql database that throw from mobile. Sales order throw in public network that is encrypted. After Pulled, Store data in Sql Server 2005 and generate various types of report. Software users login in this system and edit their order or insert new order. After filtering all of sales orders send to the main server. When data send throw public network, data must be encrypted. With this system user show their daily sales target and achievement, daily/monthly/yearly sales, product wise sales etc.

**Responsibility:**

- Designed database
- Developed the Object Model using Visio
- Develop front end using ASP.NET, JQuery, Xml
- Developed the push and pull service (Windows Service)
- Developed Serviced middleware components using C# , Microsoft Enterprise library
- Designed and developed the database and wrote TSql for sql server 2005

**Project: Mobile Application for order collection(Glaxo Smith Kline)**

**Short Description on Project:**

The order collection from mobile is being developed using J2ME. With this system user easily collect order from customers and send to the central server. It minimizes order collection and order posting time to the central office. User login the mobile

application system and easily find out which product today added and changed product price and customers information.

Responsibility:

- Designed and developed the data storage module in the mobile memory.
- Develop front end using J2ME.
- Developed the Mobile and Web Server Communication module

### **Project: Doctor Call Reports (Novo Nordisk)**

#### **Short Description on project:**

The Doctor Call Reports is being developed using PHP, Kannel(Linux), SMS Gateway. It is developed for health care sector. Each field force continues their marking to the doctors. This systems store all of information when Field promote products sample, gift to doctors. Field forces send SMS from mobile that has products sample and gift related information. User easily manages their team, area and doctor. Administrator set field force targets. Using this system generates field force doctor visit information, average, coverage monthly, yearly basis.

Responsibility:

- Designed and developed SMS Gateway in Linux
- Develop front end using PHP, Javascript, HTML, XML.
- Developed Serviced middleware components using PHP,C++
- Designed and developed the database and wrote SQL for Mysql
- Configure LAMP (Linux,Apache,Mysql,PHP)

### **Project: SMS Express (UNDSS)**

#### **Short Description on Project:**

The SMS Express is being developed using PHP, Kannel(Linux), SMS Gateway. It is the web portal for sending SMS for bulk amounts of number at a time. Users easily manage their address books in database category, subcategory and department wise. When sending SMS, Users can show their SMS sending status from web portal.

Responsibility:

- Designed and developed SMS Gateway in Linux
- Develop front end using PHP, Javascript, HTML, XML.
- Developed Serviced middleware components using PHP,C++
- Designed and developed the database and wrote SQL for Mysql
- Configure LAMP (Linux,Apache,Mysql,PHP)

**December 2007 to November 2008**



**Position: Junior Programmer**

Promiti Computers and Network (pvt.) Ltd  
Imperial Tower (3<sup>rd</sup> floor), 166 Kalabagan,  
Mirpur Road, Dhaka-1205, Bangladesh.

**Projects:****Web Based Database Software for Information Management System Of BOI****Short Description on Project:**

This system is being developed using PHP. It is developed for board of investment of Bangladesh. Whole investment processes are maintained using this system. It has local, foreign, joint venture, and IRC and HR module. Candidates easily find out their file processing status.

Responsibility:

- Web developer

**TECHNICAL SKILL INVENTORY:**

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- Languages : C/C++, Visual C, Java (J2SE), J2ME. C#, SQL, PL/SQL.
- Web Development : PHP, Perl, HTML, CSS, XML, WML, JavaScript, AJAX, SEO, XSL
- CMS : Oscommerce, Joomla.
- Framework : CodeIgniter, JQuery, Zend Framework, CakePHP
- .NET Framework : ASP.NET, Microsoft Enterprise Library, WCF, WPF, Silverlight, LINQ, EDMX, MVC2, SourceSafe
- RDBMS : MS SQL server, MySQL, Oracle, SQLite.
- Mobile Application Tools: J2ME Polish, Eclipse, Flaggy, Android.
- Tools & Technique : CRC, Crystal Report, Agile, Design Pattern
- Web Server : IIS, Apache
- Reporting Tools : Crystal Reports, RDLC
- Operating System : DOS/ Windows (98, 2003, NT, XP, Server), Red hat Enterprise 5, Windows Server 2003, Windows Server 2008, Ubuntu, Fedora.

**EDUCATION:**

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- B. Sc (Hon's) in Computer Science & Engineering from State University of Bangladesh, Obtained CGPA: 3.81 out of 4.00, 2008.
- Higher Secondary Certificate (H.S.C) in Science Group from Dhaka Board Obtained second division, 2000.
- Secondary School Certificate (S.S.C) in Science Group from Dhaka Board. Obtained First division, 1998.

## TRAINING:

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**Training Title:** OOP and Design Pattern.

**Institute** : BASIS

**Duration:** 2 Months.

## LANGUAGE COMPETENCE:

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- English - Good
- Bangla - Native Speaker

## PERSONAL DETAILS

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**Father's Name** :Md.AnisurRahman.  
**Mother's Name** : Most. Satara Begum.  
**Date& Place of Birth** :15/7/ 1983 Bangladesh.  
**Permanent Address** :Vill: Palashtali, P.O: Palashtali, P.S: Fulbaria,  
Dist: Mymensingh.  
**Nationality** :Bangladeshi.  
**Sex** : Male  
**Marital Status** : Single.

## REFERENCES

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- **Essa Osman**  
Project Manager  
Next Tel Communication  
BSRS Bhaban (4<sup>th</sup> Floor)  
12, Karwan Bazar, Dhaka - 1215  
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- **ZhohirulAlamTiemoon**  
(Lead Trainer, BASIS)  
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