Resume

MD. SANAWATUT TAJ ISLAM

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Objective

To pursue a challenging career in Smart Card Industry involving project implementation as well application development through hard work, responsibility, passion, dedication and with positive attitude and make a journey toward excellence while reaming in learning culture and contribute to the organization's prosperity.

Summary

♣ Currently working with Intelligent Card Ltd(ICL) in capacity of chief Information Security officer last one year. My previous Job was Silkways Card & Printing Ltd in the capacity of chief Technical Officer. Responsibilities include Smart card(GSM & EMV) personalization management, electronic security, EMV certification, Software solution and other IT infrastructure.

♣ IT professional with 11+ years of experience in Telecom, Payment Sector under Smart Card domain and software development.

♣ Successfully Completed the EMV Chip Card Training Course by BARNES International (http://www.barnestest.com/)

♣ Project Director for EMV Certification for Card Production and Card Personalization.
We need to follow "*PCI Card Production Physical Security Requirements*" and "*PCI Card Production Logical Security Requirements*" for both EMV certification

♣ Project Director for Bank Card Production and solution Implementation.
VISA and Master Card Sample development as per VISA and Master Card. Key Ceremony with Key Manager and Key custodian. Personalization process setup. Profile development

♣ Project Director for PCI DSS(V3.1) Certification

♣ Team leader for **Hospital Management System** For Combined Military Hospital (CMH) Dhaka

Project Description:
language for transactional system with DML operations using XML, JSON as data interchange format. Java Script was used to handle client side data.
For database server we used Oracle 10g.

♣ Team leader for **Data Processing system for SIM Card [**Windows base and Web base**]**

Key Feature:
Data Process for Machine, Data Generation for Personalization and Output data, Data validation and Data store.
Language: c#.net
Technology: ASP.net, Ajax, jQuery
Database: Oracle 10g

Present Work Experience

#1

Designation:	**Chief Operating Officer(COO)**
Department:	IT
Company Name:	**Intelligent Card Ltd (ICL)**
Company Description:	Intelligent Card Ltd(ICL) a smart card company. ICL now doing SIM card and Scratch card. Also ICL working now for EMV certification and production setup for Bank Card.
Job timeline:	Start: (mm/yyyy) 10/2018 End: (mm/yyyy) continue
Job responsibilities:	Responsible for EMV certification as well as EMV production setup. SIM Card technology. a. **Smart Card Production:** - Smart Card Script development as per profile - DataGen processes - Key Management - Pre & Post Production Process b. **EMV Certification** - Documentation for HR, Production, Security, IT, Inventory. - Design & Development Physical and Logical security as per PCI. c. **Software Development** - Smart Card Profile, Data Generation solution & development. d. **GSM Card Production** - Work with our partner's technical team for SIM card Spec and technical issues. - Design, Develop and Implement SIM Personalization solutions. - Trouble shoot for SIM Personalization. e. **IT Tusk:** - Secure network design as per EMV requirement. - Administration task for various EMV compliant IT security systems.

Designation:	**Chief Technical Officer (CTO)**
Department:	IT
Company Name:	**Silkways Card and Printing Ltd**
Company Description:	Silkways Card & Printing Ltd is the EMV certified smart card industry. Silkways is the pioneer in smart card industry of Bangladesh introducing SIM Card, Scratch Card, VISA & MasterCard Card (EMV/Non EMV), RFID card, DI card.
Job timeline:	Start: (mm/yyyy) 09/2014 End: (mm/yyyy) 09/2018
Job responsibilities:	Responsible for Bank Card technology, SIM Card technology and Software development and IT infrastructure. **e. Bank Card Production** - Develop EMV Chip Specification. - Design, Develop and Implement EMV Chip Personalization solutions. - EMV Key Management Solution Administration. - HSM Operation. - Develop Physical Security System as EMV security requirement. - Develop production process as EMV requirement. - Develop documentation as EMV requirement. **f. Software Development** - Software Design, based on data & requirement analysis with team then distribute tusk to team members. - SIM Card and Bank Card Data Generation solution development. **g. GSM Card Production** - Communicate customer for SIM card technical all issues. - Work with our partner's technical team for SIM card Spec and technical issues. - Design, Develop and Implement SIM Personalization solutions. - Trouble shoot for SIM Personalization. - **h. Voucher Card Production** - Process Data and handover to production. **i. IT Tusk:** - Secure network design as per EMV requirement. - Administration task for various EMV compliant IT security systems.

#3

Designation:	Project Manager
Department:	R&D
Company Name:	Silkways Card and Printing Ltd
Job timeline:	**Start:** (mm/yyyy) 01/2013 **End:** (mm/yyyy) 09/2014
Job responsibilities:	Responsible for Bank Card Certification (EMV certification), SIM Card technology and Software development.

Responsible for Bank Card Certification (EMV certification), SIM Card technology and Software development.

a. Project Director for EMV Certification Project, Card Production and Card Personalization

We need to follow "*PCI Card Production Physical Security Requirements*" and "*PCI Card Production Logical Security Requirements*" for both EMV certification

b. Responsible for Software Project Management.

- Requirement analysis and Project Plan.
- Software design, DB(Oracle) design and handover to team.
- Exception case analysis and find out root cause for team.
- New technology analysis before implementation in project.

c. GSM Card Technology:

- Link up with customer for SIM Card Profile development.
- Error analysis and find out root couse.
- SIM Card DLL development using C++

#4

Designation:	Data Analyst
Department:	R&D
Company Name:	Silkways Card and Printing Ltd.
Job timeline:	**Start:** (mm/yyyy) 01/2011 **End:** (mm/yyyy) 01/2013
Job responsibilities:	Responsible for Software data analysis, SIM Card & Scratch Card DataGen.

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a. Software Data Analysis

- Collect software requirement data and analysis this for software design department.
- Develop and implement databases, data collection systems, data analysis and other strategies that optimize statistical efficiency and quality.

b. GSM Card & Scratch Card DataGen

- Collect data information from customer and Process data for SIM Card and Scratch Card.

#5

Designation:	**Sr Software Engineer**
Department:	Software Development
Company Name:	Silkways Card and Printing Ltd
Job timeline:	**Start:**(mm/yyyy) 09/2009 **End:** (mm/yyyy) 01/2011

Job responsibilities:	**Responsibility** - Responsible for Software Development.
	
	    a. Software Development
	
	    - Part of team member for software design.
	    - Web base and windows base Software programing with C# .net platform. Java script using for AJAX.
	    - Database (Oracle) design & programming.

Previous Work Experience

#6

Designation:	**Sr. Executive Programmer**
Department:	Software Development
Company Name:	Speiil *MACrosoft Ltd*.
Company Description:	Speiil MACrosoft Ltd is the software and solution development farm. They developed and implemented Hospital Management systems for three renowned hospital, National Hart Foundation, Combined Military Hospital (CMH) and Border Guard Bangladesh (BGB) Hospital.
Job timeline:	**Start:**(mm/yyyy) 01/2008 **End:** (mm/yyyy) 09/2009
Job responsibilities:	**Responsibility** - I was responsible for requirement analyses, design, development and implementation. - Provide object oriented software (OOS) design for Combined Military Hospital (CMH)-Hospital Management System. Develop and customize software for diverse client base. Achievement Highlights: - Contributed software engineering expertise in the development of products through the software lifecycle, for requirements definition through successful deployment. - Facilitated customization of systems by encouraging software engineering team to adopt emerging standards for software application development architecture and tools - Excelled in rapid application development and management of technological issues for assigned projects, earning the highest customer satisfaction rating for all software solutions delivered. - Introduced methodologies and best practices that enhanced product definition, release processes and customization of applications to user needs. -

#7

Designation:	**Executive Programmer**
Department:	Software Development
Company Name:	*Speiil MACrosoft Ltd*.
Job timeline:	**Start:**(mm/yyyy) 04/2007 **End:** (mm/yyyy) 12/2007
Job responsibilities:	Responsible for Coding with C# dot net, oracle sql developer and UI design.

More Project:

- **Visa Management System for Singapore and Malaysia.**

  Key Feature: Passport data entry, VISA form entry, VISA status checking, Notification, Reporting.
  Team Strength: 02
  Language: c#.net
  Technology: ASP.net, Ajax, jQuery
  Database: Oracle 10g

- **Bangladesh Biosafety Clearing House(BBCH) For Department of Environment, People Republic of Bangladesh.**

  Key Feature: News entry, Update News, Glossary, Latest even, Upload document, Admiration Panel, Reporting.
  URL: www.bchbd.org.
  Language: PHP
  Interface Design: Flash Amination and Adobe Photoshop
  Database: MySql

#8

Designation:	**Web Developer & IT Executive**
Department:	IT
Company Name:	Zam Zam Group
Company Description:	This is a group of company.
Job timeline:	**Start:**(mm/yyyy) 08/2006 **End:** (mm/yyyy) 03/2007
Job responsibilities:	**Responsibility** – Requirement analyses for website Develop website and maintenance Create small network in the office computer Network support

Software Development Tools

Java, JavaScript, C#, HTML ,Visual Studio, ASP .Net, , Jason, XML, JQuery, C, C++, SQL, Oracle 10g, 11g

Education

B.Sc Computer Science [2006]
Result: CGPA - CGPA - 3.23 out of 4 scale
University Name: American International University- Bangladesh(AIUB)

H.S.C-Group Science [2002]
Result: 1st Division
College Name: Govt. BulBul Collage,Pabna
Board : Rajshahi

S.S.C-Group Science [1998]
Result: 1st Division*
School Name: Pabna Zilla School
Board : Rajshahi

Personal Details:

Mother's Name: Shahida Begam
Father's Name: Md. Taijul Islam
Nationality: Bangladeshi
Sex: Male
Date of Birth: 1st January 1984
Height: 5fit 9ins
Blood Group: O+
Religion: Islam

REFERENCES:

Available on request.