

# TAUHID AHMED SARKER

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## OBJECTIVE

A career which will offer exciting and challenging opportunities in this rapidly changing & fast paced IT world. I would like to work in an organization, which encourages a work culture that lays emphasis on developing technical, personal and interpersonal skills. I aspire, with my abilities and skills, to add value to organization as well as self.

## KEY QUALIFICATION

- ✓ Overall 18+ years solid development experience in designing, developing (desktop, web based & cross-platform applications) throughout the lifecycle, from identifying requirements to well documented design.
- ✓ Solid experience in producing analysis and design documents through maintaining unified communication with the client and technical team.
- ✓ Superior analytical, time management & problem solving skills. Work well at all business levels.
- ✓ Solid management skill, demonstrated proficiency in leading and mentoring individuals or a team of programmers to maximize level of productivity while forming a cohesive team environment.
- ✓ 10+ years solid experience and expertise in Fintech Industry (OLTP, Retail Banking, Card Personalization, ADC, Interfacing, PCI-DSS, PA-DSS, EMV L1 & L2, NFC-Solutions)
- ✓ Experience in managing a number of financial institutions (36+ local and 1 international), 3 major international Payment Systems, various proprietary processing centers, by providing clear targets and achievement of milestones within timeline.

## SKILL SET

Project Management Methodology	Waterfall, Agile and Scrum best practices.
Analysis Techniques	User Story, UML (Use Case, Activity, Class & Sequence diagram), DFD and ERD.
Design Pattern	MVC, Façade, Factory Pattern, Singleton.
Fintech Industry	<ul style="list-style-type: none"><li>- Solid understanding of OLTP concept &amp; Routing mechanism</li><li>- Depth knowledge and hands-on expertise on major TranzWare Products (Host, CMS, Card Factory, IB, TB, etc.)</li><li>- Professional knowledge on PCI-DSS &amp; PA-DSS certification</li><li>- Depth knowledge on ATM (Wincor-Nixdorf) and expertise on NDC-DDC protocol (Protopas)</li><li>- Professional experience on EMV L1/L2 certification and NFC solutions development &amp; deployment</li><li>- Good experience to manage &amp; requirement analysis on POS Terminal (VeriFone, Intellect – Presto 210p, SAND)</li><li>- Good knowledge on Key management with Cryptography mechanism and real-time experience to work with HSM [Thales]</li></ul>
Programming Language	C/C++ [Qt Framework], VB 6.0, VB.NET, PHP, AJAX, JSON, Java Script, VB Script, XHTML, PL/SQL, CSS and Dart [Flutter].
Database	MySQL, Oracle 9i and 11g, SQL Server 2005

★ [TiCON System Limited](#)

*Senior Solution Architect*

*September, 2022 – February, 2024*

Job Responsibility:

- Converting business ideas into sustainable Fintech products, leveraging data research and solution partner's tech infrastructure.
- Enabling internationalization of White Label Fintech products and PSD2 connectivity based services in collaboration with Bangladesh market and other (if any).
- Taking part in Go-To-Market (GTM) strategy and OKR/KPI management along with Business Development and Business Units teams.
- Development of new Ventures and Products in the Fintech industry, with a focus on process mapping and redesign, development roadmap setup, resources allocations & business models.
- Close collaboration with partners, clients and implementation teams to build startup companies.

★ [UUMOO Limited](#)

*Project Director*

*July, 2021 – August, 2022*

Job Responsibility:

- To enable "Small Value Payment" services, design and develop the end-to-end wallet solutions such as mobile app (both for ANDROID & iOS) using Flutter framework and back-end services (web-services & host application) using Qt framework.
- To ensure the entire solution as a Platform that enables both 'Small Value Users' and 'Small Value Merchants' to Exchange, Trade and conduct Commerce instantaneously, in Real-Time or in Escrow, Anytime and Anywhere.
- To ensure all the services are 'Location Aware' that shall open-up new opportunities in Trade and Commerce; powered by GEO-Location, GEO-Fencing & GEO-Broadcasting.
- Support the Augmented Reality (AR) technology by the UUMOO wallet.

★ [Next Genius Dot Com](#)

*Director – Technology*

*January, 2018 – June, 2021*

Job Responsibility:

- Lead the execution of technology strategy for platforms, partnerships & external relationships.
- Build & manage a top-flight technology team, oversee research & development, as well as project management.
- Provide visible leadership for the company within the technology community.
- Anticipate and react to major technology changes to ensure the maintenance of company leadership in the competitive landscape.
- Establish technical standards and ensure adherence of product development & operations.

★ [JV of "ECL-3BL"](#) → Joint Venture of [Electro CRAFT Corporation Ltd.](#) ["ECL"], as the leading firm, and [Best Business Bond Ltd.](#) ["3BL"]

*Chief Technology Officer*

*September, 2014 – April, 2017*

Project of **Establishment of Automated Clearing House for Integrating Transport Ticketing System in Dhaka City Area, sponsored by JICA**. The Project Team consisted of DTCA and JICA Experts Team Operated by JV of "KEI-NEC" i.e. a Joint Venture of [Katahira & Engineers International](#) ["KEI"] and [NEC Corporation](#) ["NEC"].

Job Responsibility:

- To design, develop, test and deploy the entire solution (cross-platform) using C/C++ [Qt Framework] based on the external design provided by JV of "KEI-NEC"
- To work on the latest technology of NFC [Sony – FeliCa] and MPOS terminal (embedded app)

★ **IT Consultants Limited**

***Project Consultant***

***June, 2013 – July, 2014***

**Job Responsibility:**

- To plan, design and configure the **Dispute Management System (DMS)** using **JIRA** (an Atlassian product) for the **National Payment System [NPS]** of **Bangladesh Bank**.
- Integrate **DMS** [powered by **JIRA**] with **NPS – Host [Way4]** and deploy the system.

★ **SSL Wireless**

***Head of Technology Infrastructure***

***December, 2012 – May, 2013***

**Job Responsibility:**

- Provide infrastructure services vision, enable innovation and leverage IT trends that can create business value consistent with the firm's requirements and expectations.
- Ensure comprehensive disaster recovery architecture.
- Participate in IT strategic planning, project planning and budget planning efforts.
- Analyze technology trends and develop infrastructure strategy, architecture, and delivery processes designed for agility and cost effectiveness.

★ **IT Consultants Limited**

***September, 2003 – November, 2012***

***Chief Technology Officer***

***July, 2011 – November, 2012***

**Job Responsibility:**

- Lead the execution of technology strategy for platforms, partnerships & external relationships.
- Build & manage a top-flight technology team, oversee research & development, as well as project management.
- Provide visible leadership for the company within the technology community.
- Anticipate and react to major technology changes to ensure the maintenance of company leadership in the competitive landscape.
- Establish technical standards and ensure adherence of product development & operations.

***SVP & Head of Systems***

***June, 2005 – June, 2011***

**Job Responsibility:**

- Correspondence to all the consortium & external clients (BANK) regarding any issues.
- Plan, develop & configure any interface module between external HOST & ITC HOST.
- Rectify/identify any problems of possible online transaction processes for CMS/ATM/POS. Then analyze & resolve the problem properly.
- Configure and maintain the Fraud Monitoring module of the Host application.
- Design & develop report engine for online transaction (by any searching criteria).
- Maintain the total Back-up procedure for Online & Retail Banking Software.

***Deputy Head [ Host ]***

***December, 2004 – May, 2005***

**Job Responsibility:**

- Rectify/identify any problems of possible online transaction processes for CMS/ATM/POS. Then analyze & resolve the problem properly.
- Configure and maintain the Fraud Monitoring module of the Host application.
- *Tranzware Online* (Switching Software) Support & Maintenance.
- Design & develop report engine for online transaction (by any searching criteria).

	<b>System Engineer</b>		<b>September, 2003 – November, 2004</b>
	<u>Job Responsibility:</u>		
	<ul style="list-style-type: none"> <li>- Configure, Support &amp; Maintenance of “Tranzware - Retail Banking Application” [ a CMS product of <a href="#">Compass Plus Technologies</a> ].</li> <li>- Rectify/identify any technical problems of CMS while operations. Then analyze &amp; resolve the problem.</li> <li>- Configuration &amp; Installation of <i>Verifone OMNI-3750 POS</i> terminals.</li> <li>- Analyze, design, implement &amp; configure <b>Q-CASH</b> &amp; <b>VISA</b> Debit/Credit Card Module, along with Utility Bill Payment System.</li> <li>- Design &amp; implement all kinds of reports related to retail banking.</li> <li>- Analyze, design &amp; implement the secure LAN &amp; WAN for ATM, POS &amp; Client terminal.</li> </ul>		
	★ <b><u>WinSock Corporation (Pvt.) Limited</u></b>		
	<b>Software Architect</b>		<b>December, 2002 – August, 2003</b>
	<u>Job Responsibility:</u>		
	<ul style="list-style-type: none"> <li>- Analyze and design user requirements and solution structure of various projects.</li> <li>- Implements different coding patterns depending upon project requirements.</li> </ul>		
	★ <b><u>Electro CRAFT Corporation Limited</u></b>		
	<b>System Analyst</b>		<b>February, 2002 – November, 2002</b>
	<u>Job Responsibility:</u>		
	<ul style="list-style-type: none"> <li>- Analyze and design user requirements and solution structure of various projects.</li> <li>- Implements different coding patterns depending upon project requirements.</li> </ul>		
<b>EDUCATION</b>	✓ 2002	<b>American International University – Bangladesh [AIUB]</b>	
		Bachelor of Science (BSc) in Computer Engineering	
		C.G.P.A – 2.67 / 4	
	✓ 1997	<b>Rifles Public School &amp; College [RPSC]</b>	
		Higher Secondary School Certificate (HSSC) in Science	
		Second Division – Mark (587)	
	✓ 1995	<b>Ideal School &amp; College, Motijheel</b>	
		Secondary School Certificate (SSC) in Science	
		First Division – Mark (823*)	
<b>PERSONAL DETAILS</b>	Date of Birth	:	<b>October 01, 1980</b>
	Marital Status	:	Married
	Religion	:	Islam
	Nationality	:	Bangladeshi (By Birth)
	National ID No.	:	2695435106269
	Passport No.	:	V 0562288
<b>LANGUAGE PROFICIENCY</b>	Capable of writing and fluently speaking in Bengali (Native) as well as English.		
	Capable of fluently speaking in Hindi.		



Signature