I.M. Tanjin Ahsan_____

Principal Consultant- Advisory, PwC

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Introduction:

I am a software architect and tech lead with a vision to transform technologies to be usable for the masses. I have years of proven experience in Software Engineering, Telco, UI/UX, and mobile and Web Application Development in Bangladesh and abroad. My skillset includes Project Management, Software Architecture Design, Software Engineering, Change Management, UI UX Experience design, and Business Transformation. Throughout my career as an IT professional, I have had the privilege to work with UN organizations (such as FAO), IT industry giants, and leading telecom and fintech service providers like Grameenphone, DELL, Enfatico, ACCENTURE, Wipro, PwC, IPDC, and Bangladesh Finance (BD Finance). My responsibilities in these organizations included the development of mobile and fintech application(s), and feasibility analysis according to client's requirements. My current position at PwC as a Principal Consultant allowed me to develop high-end financial applications with the best possible experience for the users.

Career Objective:

Actively work on fintech and big data for effective business transformation with a vision to provide an efficient technology solution for clients.

SKILLS AND EXPERTISE:

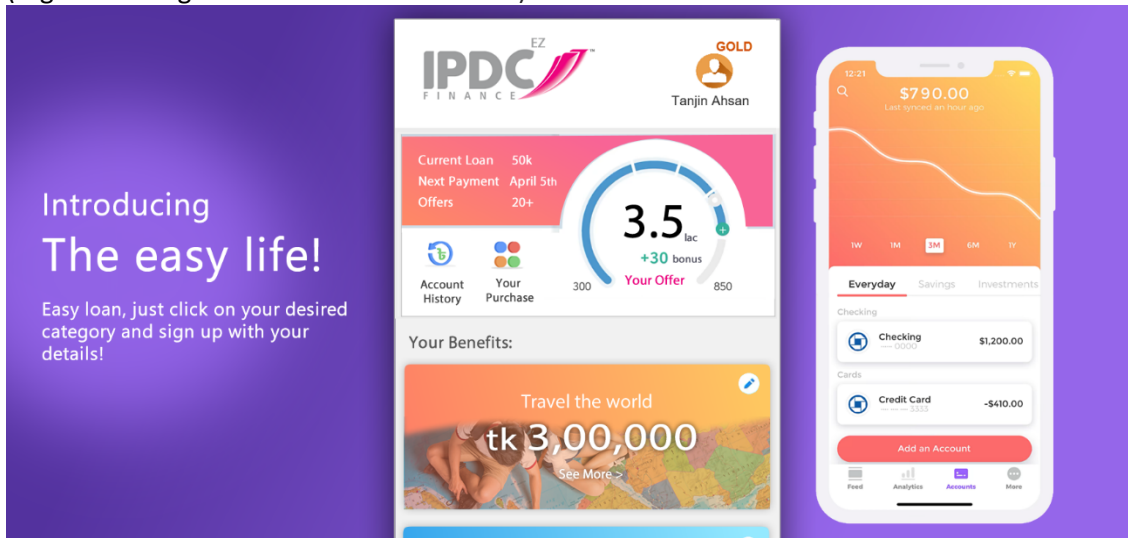| Leadership	Communication	Adaptability	Team Player	Contributor

- » Pr. Language: JAVA, PHP, C, C++, Objective C, XCode, Swift, JSON, HTML 5, WEB 3.0, Oracle, MySql
- » Project Mgmt: Jira, Youtrack, Scrum Methodology, Kanban
- » Telco: VAS and Mobile Applications, SMS gateway, Scripting, Virtualization, Cloud, Networking, Firewall, Web server, Docker Deployment (PaaS), Batch Processing, Scheduling, UI/UX Design Expert.
- » Fintech: Custom CBS, LOS, Digital EKYC, MFS integration, Payments apps, Lending apps, Investment apps (Deposit Component), RTGS (Real Time Gross Settlement)

Projects & Activities:

1.	• One-stop customer service portal for Bangladesh Finance Clients • Bangladesh Finance EKYC Mobile App (iOS and Android Platform) • Enhanced LOS (Loan Originating System) Development • MFS Nagad integration with Bangladesh Finance Islamic Savings Scheme • Development of Lead Management (Automate Lead Distribution, Generate & Nurture Leads. Improve Conversions) • Create an industry-standard infrastructure for Bangladesh Finance Limited (Using AWS and Azure Cloud platform)	*2022*
2.	• Business Transformation to the next level of Financial and Commercial Application Development for IPDC Finance users • IPDC EZ Mobile Platform Development	*2020*

- IPDC EZ Wallet Platform Development
- IPDC EZ Ecommerce Platform Development
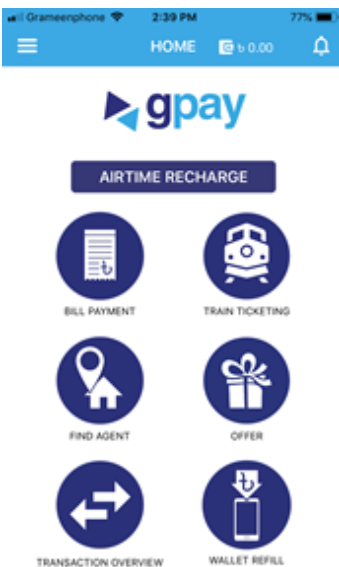- Develop Android and iOS User Experience Applications for current IPDC users

IPDC EZ Platform:
(Digital Lending Platform with E-commerce)

Project Responsibilities:
- Work as lead for Design/Development for EZ platform.
- Maintain Human Interface Design guidelines with simple easy-to-use storyline development.
- Design, Model, and Research each application component user experience journey.
- Project Management for each build and milestone within the required timeframe
- Manage/Build and after completion SIT co-ordination
- Performance and Quality testing for delivery
- API testing for 2nd and 3rd party contractors
- Maintaining scrum methodology for each build/test
- Deployment and Post-deployment co-ordination
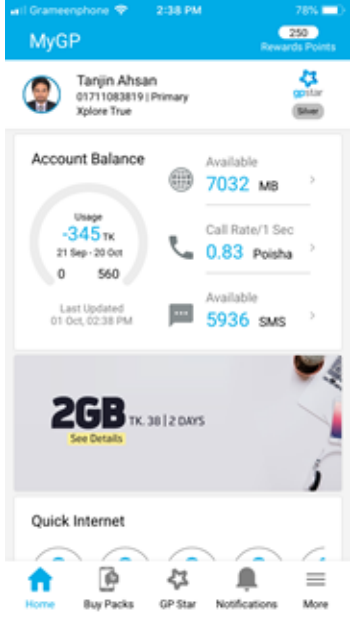

3.

1. GPAY:

Grameenphone's GPAY iOS/Android mobile app is a one-stop solution for mobile payment. Application features: Multi-level API integration with Public/Private banks (JSON, SOAP or XML based request response with repeated confirmation check mechanism)
link: https://www.grameenphone.com/personal/financial-services/gpay
Project Responsibilities:
a) Develop System Architecture for Mobile Number Portability verification with national node
b) Develop/Design API flow for each module
d) Manage/Build and after completion SIT co-ordination
e) Performance and Quality testing for delivery
f) API testing for 3rd party solution providers
h) Deployment and Post deployment co-ordination

2018-2019

	2. GPOne App Architecture design analysis. 3. GP Star/MyGP App API Architecture design development with team MyGP: Grameenphone's MyGP iOS/Android mobile app is a one-stop solution for mobile package & offer management for its client. MyGP application delivers complete control for its 60 million customers in Bangladesh. Application features: Multi-level VAS API integration link: http://www.grameenphone.com/mygp/ Project Responsibilities: a) Develop System Architecture for Mobile Number Portability verification with national node b) Develop/Design API flow for each module c) Completion of each build within the required timeframe d) Manage/Build and after completion SIT co-ordination e) Performance and Quality testing for delivery f) API testing for 2nd and 3rd party vendors g) Maintaining scrum methodology for each build/test h) Deployment and Post-deployment co-ordination 4. VAS Application support/enhancement to support Mobile Number Portability (MNP) 5. GP Retailer app and Dashboard Commission dynamic reporting module development 6. Develop Android User Experience App for Hotels International Limited (Pan Pacific) 7. System analysis and Deployment of GP MNP & 013 Number prefix for 100+ VAS services	
4.	1. System enhancement for Itemized bill of Ebill System 2. Transport Management System Application enhancement for Updated Android OS Version with an enhanced retry mechanism 3. PMT Tool Revamp enhancement for Star Subscribers 4. Star Target Query Enhancement 5. VAS Application support/enhancement to support Mobile Number Portability (MNP) 6. Itemized bill system implementation with CORBA API 7. MYGP App API implementation for Star users of GP 8. Retailer commission system enhancement with Java Automation	*2017*
5.	a) Automation and Development of Windows Powershell-based intelligent application monitoring system - JAVA VAS applications (Processor, Sender & Receiver) – Automation App can send automated System Keystrokes to server and system according to predefined business logic. Automation can reduce human workload significantly and ensure up to 100% system uptime. b) Retailer USSD-based Application Solution Design and Delivery (Core JAVA app with 21 million data import with SQLLoader)	*2016*
6.	a) MSMU Android Mobile App - Mobile Application Development for Territory Mobile Application b) Subscription Manager (SM) Y keyword implementation Design/Feasibility. c) Acting as solution architect for MSMU mobile app/Territory Mobile Application. Java Core development in business logic for Duronto, Bondhu and other several GP Campaign with Reporting/Scheduling	*2015*
7.	a) BD Train Tracker - iOS/Android Navigational Application for Railway c) iBook Territory Application for GP d) Grameenphone innovative product & campaign ideas for Mobile Devices (iOS, Android) with operator branding and client end privilege VAS services. e) Weekly Service Reporting for the VAS&MA team f) Ensure, Monitor VAS&MA Services as per SLA as agreed with business g) Subscription Manager New CP/Keyword Testing/UAT/Migration according to client's business need h) VAS processor application Analysis/Development/Deployment	*2014*

	i) Regular interaction with the business service owners to understand their expectations, and accordingly align IT Partners j) Provide analysis, documentation, and interpretation of rights and obligations set under service level management process internally and ensure due diligence is practiced k) Maintain ISO documentation (includes TPD & Monthly Reports) and process with the it360 tool	
8.	GP TMS System – Grameenphone Transport Management System Application Development, integration with current .net system (Web Service integration) GP ADB - ADB SMS-based Early warning system	*2013*
9.	GPIT Portfolio Mobile applications for Android (GPS based & Query Based) StarHOST Bangla Books Mobile Application– Specially designed to render Bangla text for Android and iOS StarHOST IT Localized Bangla iOS app– for Banglanews24 and external clients.	*2012*
10.	StarSOFT Accounting System – Accounting solution for Local Consumers using core PHP-based web application.	*2012*
11.	StarHOST IT Mobile Banking Solution– Banking software for iOS/Android/Blackberry playbook.	*2012*
12.	**Development of Aquaculture Feed and Fertilizer Resources Information System: (FAO-UN Species Profile Research Database)**	*2009-2011*

Work Experience

» **PwC Bangladesh**
(Account Manager, Advisory) — 2022 (Oct)-ongoing
• Project Delivery Management for PwC Bangladesh Projects (Application Technology Domain)
• Business Requirements understanding with stakeholders/clients and implementing development as per the requirement of the stakeholders.

» **Bangladesh Finance Limited**
(FAVP, First Assistant Vice President) — 2022 (Apr)- 2022 (Sept)

- Led the IT team to develop nine major tech projects such as LOS(Loan Originating System), MFS integration, HRIS, RTGS, Loan File Tracking System, Customer eKYC, and other related digital business transformations.
- Project Management for each build and milestone within the required timeframe
- Business Requirements understanding with stakeholders and implementing development as per the requirement of the stakeholders.

» **IPDC Finance Limited, Bangladesh**
(Business Transformation Project Manager) — 2020 (Mar)- 2022 (Apr)

- Work as project manager for IPDC EZ Platform
- Work as lead for Design/Develop and Prototype creation for full EZ platform for next generation User Experience with following latest industry standards.
- Maintain Human Interface Design guidelines with simple easy-to-use storyline development.
- Work as Complete iOS/Android App development Lead
- Design, Model, and Research each application component's user experience journey.
- Project Management for each build and milestone within the required timeframe
- Work and Maintain application user experience with subtle transition design for each UI component.
- Business Requirements understanding with stakeholders and implementing development as per the requirement.
- Work with the software design process.

» **Wipro Limited, Bangladesh (Grameenphone Project – GP Frame Agreement Employee)**
(Senior Project Engineer) — 2017

Enhance 200+ JAVA VAS Applications to support Docker Env. Develop/Manage Mobile Financial Services**(MFS)** for GP. **GPay** App Bank node integration with Web Service management. Manage Linux/Windows Server with MySQL & Oracle DB. Design and develop software as per stakeholder requirements and company guidelines, ensure quality of deliverables following company guidelines and standards (ISO 20000 & ITIL), Ensure customer satisfaction through timely delivery, Ensure planning, dimension, benchmarking, security, and compliance to company standards, Ensure software testing, documentation and 24/7 operations of developed software systems.

(Oct)-2020 (Mar)

» **Accenture Ltd. (Grameenphone IT - ACN ISL)**
(Software Engineering Senior Analyst)
Working with Accenture Digital Services Team. Work on Telenor GBE- cloud platform integration, Design and develop software as per stakeholder requirements, Ensure quality of deliverables following company guidelines and standards (ISO 20000 & ITIL), Ensure customer satisfaction through timely delivery, planning, dimension, benchmarking, security, and compliance to company standards, Ensure software testing, documentation and 24/7 operations of developed software systems. Development/Optimization of JAVA Middleware application for GP.

2016 (Sep)-2017 (Sep)

» **Accenture Ltd. (Grameenphone IT - ACN ISL)**
(Software Engineering Analyst)
Core Java and Mobile Application development for VAS Systems. Design and develop software as per stakeholder requirements and company guidelines, Ensure quality of deliverables (ISO 20000 & ITIL), Ensure customer satisfaction through timely delivery, planning, dimension, benchmarking, security, and compliance to company standards, Ensure software testing, documentation and 24/7 operations of developed software systems. Development/Optimization of JAVA Middleware application for GP, JSON Parsing with RESTful API, and Socket programming with JAVA.

2013 (Aug)-2016 (Aug)

» **Grameenphone IT Ltd.**
(Senior Software Engineer)
Mobile Application development for iOS/Android devices. Design and develop software as per stakeholder requirements and company guidelines, ensure quality of deliverables following company guidelines and standards (ISO 20000 & ITIL), Ensure customer satisfaction through timely delivery, ensure planning, dimension, benchmarking, security, and compliance to company standards, Ensure software testing, documentation and 24/7 operations of developed software systems. Development/Optimization of JAVA Middleware application for GP, JSON Parsing with RESTful API, and Socket programming with JAVA.

2012 (Jul)-2013 (Jul)

» **StarHOST IT Ltd.**
(Senior Software Engineer)
Advanced Bangla (Localized) Application development for **iOS/Android/Blackberry** devices (Includes online database query-based application). Development and planning of Mobile User Experience in Adobe Air/FLEX platform. Design and development of rich, compelling user interfaces in Adobe Flash Builder (Eclipse Developer Platform). Development of Client Website elements (XHTML, CSS, PHP, MySql), QA/FA of developed work. Development/customization of PHP web application according to client needs. Experience in code reuse and use of **MVC** for a faster development process. Maintain Specialized animation in Adobe Flash CS3, CS4 and GreenSock Tweenmax plugin. Flash event-based games for touchscreen devices. Maintain communication with the client until delivery of final material(s). Server Management/ File sync & optimization. Report writing of every day's work activity, analysis of teamwork.

2012 (Jan)-2012 (Jun)

» **Enfatico (GraphicPeople Ltd.)**
(S. Web Developer)
Development of Client Website elements (XHTML, CSS), QA/FA of developed work. Maintain Specialized animation in Adobe Flash CS3, CS4 environments. Advanced Flash Animation using GreenSock and

2011 (Apr)-2011 (Dec)

Customized Dell flash pages with interaction-based (Flash AS3 coded) animations. Full dynamic flash animation (Without motion Tweening or use of timeline) using Greensock (Code based) Maintain communication with the client until delivery of final material(s). Server Management/ File sync & optimization. Report writing of every day's work activity, analysis of teamwork.

»	**Food and Agriculture Organization of the United Nations (FAO)** (**IT Consultant, Contractual**) Developed FAO Species Profile system by collaborating with Research worker and Database Designer of United Nations. Attended FAO organized system design team seminar and CeBIT 2014 IT conference. Develop Species Profile system, work with database designer to integrate research-related works; Deliver according to FAO-UN design standard. Communicating with UN officials for day-to-day work. Attend Seminars/Workshops related to project development. Administrating the CMS system according to FAO specific design guidelines. Server Management/ File sync & optimization. Report writing of every day's work activity, analysis of teamwork. Contributor for FAO Nutrient Resource System: http://www.fao.org/fishery/affris/contacts-and-contributors/en/	2009 (Apr)- 2011 (May)
»	**StarHOST IT ltd.** (**Programmer, Animator**) Developed more than 50 websites with advanced dynamic functions and developed web applications for the company. Customization module creation for Joomla/Wordpress. Maintaining PC & Server for the company and clients.	2009 (Jan)- 2009 (Mar)

AWARDS & ACHIEVEMENTS:

• *Extraordinaire Award Q1, 2019* In recognition of the significant contribution to the Grameenphone Project	2019
• *Special Appreciation Award for TMS Mobile system integration*	2015
• *SPECIAL RECOGNITION AWARD* for High Standard of discipline and devotion to duties during Residential Semester at Savar from 4th September to 27th October 2005	2005

Professional Training/Certificates:
1. Completion of Leadership training from Bangladesh Finance
2. Completion of Protecting Accenture's Sensitive Information
3. JAVA 7 Professional Training – Oracle Java
4. ACCENTURE Code of Business Ethics Training Completion
5. Training on Security - Detect and Protect Accenture way, Training for Client Data Protection – Accenture
6. Wipro ERM/Data Privacy Training, Holmes Training
7. COBC Training for Clients
8. Digital 101 Training, ISAC Training Completion
9. Information Security Training completion for Wipro Client system.

Extra-curricular Activities:
1. Volunteer for Bangladesh open source software community (BOSC)
2. MSDN Software beta tester (bug submission on Windows Codename Longhorn)

Education:

Bachelor of Science: Computer Science & Engineering (CSE), BRAC University, Bangladesh.	**2009**
Higher Secondary Certificate (HSC) : Under Science, Rifles Public School & College, Dhaka.	**2004**
Secondary School Certificate (SSC) : Under Science, Government Laboratory High School, Dhaka.	**2002**