



ANUP KUMAR SARKAR

Software Engineer

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Work Experience

Ernst & Young Global Limited (EY) Senior Software Engineer

Feb 2022 – Present

- Responsible for detailed technical design at a solution level. Estimate technical effort, work breakdown structure, risks and solutions for Core Business Service (CBS) Line.
- Responsible for delivery of overall technical solution within schedule and budget. Monitor adherence to methodologies, tools and KPIs.

Healthcare Pharmaceuticals Ltd Software Engineer, Executive

Dec 2020 – Jan 2022

- By developing a full-fledged Fund & Expense Management System, where external & internal field forces successfully connected with stakeholders. Also helped to automate their task such as fund & expense management, budget controlling, product integration, billings & reporting.
- Newly developed system leads to more than 200% more efficient workflow & effective data tracking & sharing by removing bottlenecks and implementing automations.
- Analyzed & architected business intelligence models to measure ROI, KPI, Risk & Asset management.

The Dhaka Mercantile Co-operative Bank Ltd. Software Engineer, Assistant Executive

Jan 2018 – Nov 2020

- Developed from scratch a complete ERP software for banking industry focus on key processes such as financial transactions, protecting clients' sensitive info, connecting multiple departments etc.
- Implementing comprehensive Banking ERP software not only provides access to important data, also enabling better Customer Service, Business Process Improvements and Enhanced Business Reporting

Education

Bachelor of Computer Applications (BCA)

2014-2017

Lovely Professional University
Punjab, India
CGPA: 7.7 out of 10

Higher Secondary Certificate (HSC)

2009-2011

FM International College
Dhaka, Bangladesh
GPA: 4.70 out of 5.0

Secondary School Certificate (SSC)

2007- 2009

Mirpur Siddhanta High School
Dhaka, Bangladesh
GPA: 4.69 out of 5.0

Career Summary

Having 4 years of demonstrated experience in designing, architecting and supporting enterprise-level internet scale services/solutions hosted on Cloud and On-premise technologies. Experience working closely with Software Engineering, especially in the aspects of system performance, capacity management and scalability to ensure sustained service stability & Business KPI's.

Certifications

Microsoft Asp.Net MVC Core with SQL Server

BASIS Institute of Technology & Management (BITM)
Duration: 09/2020 - 10/2020

Skills & Expertise

Software Development Life Cycle

Creating vision, Ideation & design thinking, estimates & planning, develop, test, deploy, maintenance, PM & innovation using technologies.

Specialization

Full Stack Web Development
Android Application Development

Architectures and Principles

SPA, MVC, SOLID, MVVM, Micro front-ends

Programming languages

C#, JAVA, Typescript, C/C++

Web Technologies

.NET Core/MVC, Entity Framework Core, React, Redux, jQuery, Syncfusion, HTML5, CSS3

Data Management

MS SQL Server, MySQL, SQLite, Azure SQL DB, SSIS, SSRS, SSDT

Cloud

Azure (App Services, VM, SQL Database), CI/CD

Machine Learning

Computer Vision using OpenCV & JAVACV

Framework & Library

Android Room, Retrofit, JavaFX, LINQ, DataTable Automapper, Select2, CodeIgniter (Php)

Reporting

Crystal Report, RDLC Report

Other

Data Structure & Algorithms, Parallel Processing & Concurrency in C#, Generic, Dependency Injection, Reflections

Projects Portfolio

WEB APPLICATIONS

1. DMCBL ERP

A complete ERP solution having HRM, CRM, PF, Loan, Banking & Centralized Attendance for The Dhaka Mercantile Co Operative Bank Ltd

Tech Stack: Asp.net MVC 5, Entity Framework, MS SQL Server 2017, Razor Pages, Bootstrap, jQuery, Crystal Reports, jQuery Datatables

2. Sales & Marketing Activities for Pharmaceuticals Industry

Project containing various sales & marketing automations module creating efficient workflow & effective data tracking & sharing by removing bottlenecks.

Tech Stack: Dotnet Core 5.0, EF Core, MS SQL Server 2017, Syncfusion , RDLC Reporting , Bootstrap , jQuery

Link: <https://ddf.hplbd.com/>

3. XEOVENTORY POS & Accounting

Complete solution for POS, Sales, Purchases, Productions, Customers, Suppliers, Transactions, Ledgers, Journal, Receipts & Payments with various reports.

Tech Stack: Asp.net MVC 5, Entity Framework, MS SQL Server

Link: <https://xeoventory.azurewebsites.net>

4. SapientCerts - Sapient Universal Certifications

Providing real time certificate audit & verifications using QR Code & other technologies.

Tech Stack: ASP.NET Core 5.0 WebAPI, EF Core 5.0, ASP.NET Core Identity, AJAX for CRUD, Clean Architecture

Link: <http://sapientcert.com/>

5. HelloHi Parking

Book/reserve parking spot for your Vehicle anywhere in different cities in US.

Tech Stack: Php, CodeIgniter, MySQL, Bootstrap, Paypal Payment Gateway

Link : <https://hellohiparking.com/>

Open Source Contributions (Desktop Apps)

1. ExoVisix: (AI & Computer Vision)

Auto Attendance System Using Real Time Face Recognition with Various Computer Vision & Machine Learning Tools.

Attendance system Using Face Recognition, Face Trainer, Motion Detection OCR, Gesture Control, Rectangle Shape Detection, Eye Detection.

Tech Stack: Core Java, JavaCV (wrapper of Opencv), JavaFX ,MySQL, Maven, Tesseract OCR Framework

GitHub Link: <https://github.com/MeAnupSarkar/ExoVisix>

YouTube Demo: <https://www.youtube.com/watch?v=6UnBZFvY8HE&t=533s>

2. XEOCORP Bulk Card Generator:

Generate Bulk/Multiple Business Card by reading files from folder

Tech Stack : Core Java , JavaFx , Google zxing

Link : <https://github.com/MeAnupSarkar/Xeocorp-Card-Generator-JavaFX>

YouTube Demo : <https://www.youtube.com/watch?v=VVlrRC3KtA&t=48s>

3. React Redux Typescript Webpack Boilerplate:

Frontend Boilerplate with React, Redux, TypeScript, Webpack, Babel, Ant Design & many more

Link : <https://github.com/MeAnupSarkar/ReactReduxTsTemplate>

ANDROID APPLICATIONS

1. Vara123

Book or Rent the perfect Accommodation, Parking Spots, Vehicle Rentals in anytime, anywhere in Bangladesh.

Playstore: <https://play.google.com/store/apps/details?id=com.brosoft.vara123>

2. BCAS

Android app for content & book sharing for The Institute of Cost and Management Accountants of Bangladesh (ICMAB)

3. HelloHi Parking

Book/reserve parking spot using android app.

Playstore: <https://play.google.com/store/apps/details?id=com.brosoft.hellohiparking>

Languages

- | | |
|------------|-----------------------------|
| 1. Bengali | - Native (Read/Write/Speak) |
| 2. English | - Fluent (Read/Write/Speak) |
| 3. Hindi | - Good (Speaking) |

Hobbies & Interests

1. Robotics & AI, Blockchain, Automation
2. Cosmology, Science, Travelling, Playing Guitar
3. Reading Books, Novels, Poem History, Ancient Civilizations
4. Sports: Cricket, Chess, Football, Pool

Extra Curriculum

1. Participated Project Expo-2017

Project Developed & Presented: ExoVisix AI

2. Participated Explorica-2016

Project Developed & Presented: StudyPhobia

3. Participated One World Mega Event (India)

Showcasing the culture, heritage & history of BD

Participation Year: 2015, 2016, 2017

Prize/Standings : Runners Up

4. Participated in Hacker Rank World cup

Online coding Competition also various coding competitions in the campus

Personal Information

| | |
|-------------------|---|
| Father's Name | : Kartik Chandra Sarkar |
| Mother's Name | : Anta Rani Sarkar |
| Permanent Address | : Holding#122, Isakabad, Ward#09, Kaundia, Amin Bazar, Dhaka-1348 |
| Date of Birth | : 13th July 1993 |
| Nationality | : Bangladeshi |
| Gender | : Male |
| National ID | : 19932694809000112 |
| Marital Status | : Unmarried |

Declarations

I, the undersigned do hereby state that to the base of my knowledge and belief, the above-mentioned data correctly described my qualification.



(Signature)