­

**ANUP KUMAR**

**SARKAR**

Software Engineer

|  |  |
| --- | --- |
| **Receiver** | +8801676667712 |
| **Envelope** | me.anup.sarkar@gmail.com |
|  | Github.com/MeAnupSarkar |
|  | Leetcode.com/MeAnupSarkar |
|  | Linkedin.com/in/iamanup |

Pragmatic, versatile, forward-looking Software Engineer with 4+ years’ background in creating and executing innovative software solutions to enhance business productivity. Highly experienced in all aspects of the SDLC & end-to-end project management by creating vision, ideation & design thinking, estimates & planning, develop, test, deploy and maintenance.

**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**

SOLID, DDD, SPA, MVC, Micro front-ends **Programming languages**

C# (expert), Java, Typescript (proficient),

C/C++, Php (prior exp.)

**Web Technologies**

ASP.NET Core/Framework, EF Core, EF 6, Angular, Identity Server, Microsoft Identity, CodeIgniter

**Framework & Library**

jQuery, JavaFx, Antd Design, Syncfusion, Google Maps SDK, Android Jetpack Navigation, Android Room, Retrofit, LINQ, Automapper, Select2

**Data Management**

MS SQL Server(expert), MySQL, SQLite, Azure SQL DB (proficient), SSIS, SSRS, SSDT

**Cloud**

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

**Machine Learning**

Computer Vision using OpenCV & JAVACV

**Reporting**

Crystal Report, RDLC Report

**Version Control & Others**

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

**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 (77%)

**Higher Secondary Certificate (HSC)** 2009-2011

FM International College

Dhaka, Bangladesh

**GPA**: 4.70 out of 5.0 (74%)

**Secondary School Certificate (SSC)** 2007- 2009

Mirpur Siddhanta High School

Dhaka, Bangladesh

**GPA**: 4.69 out of 5.0 (73%)

**Career Summary**

Participated in Hacker Rank World cup online Competition also various coding competitions in the campus

**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 Datatable

**2. Fund & Expense Management System**

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

**Tech Stack:** .NET 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=VVlrRC3KttA&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 BD.

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

**2. BCAS (Bangladesh Cost Accounting Standards)**

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, IoT, Blockchain, Automation

2. Cosmology, Science, Travelling, Playing Guitar

3. Reading Books, Novels, Poem History, Ancient Civilizations

4. Sports: Cricket, Chess, Football, Pool, PC Games

**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

**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)