ANUP KUMAR SARKAR
Software Engineer

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📍 Mirpur, Dhaka, Bangladesh

EXPERIENCE

Healthcare Pharmaceuticals Ltd
Software Engineer, Executive   01/12/2020 – Present

Developed & published complete sales & marketing automations software solutions for Pharmaceuticals Industry.

- Successfully connected internal & external sales, marketing as well as other management team & departments with external partner via newly developed automated system.
- Newly developed system leads to 50% more efficient workflow & effective data tracking & sharing by removing bottlenecks.
- Analyzed & architected business intelligence models to measure ROI, KPI, Risk & Asset management.
- Introduced new cutting-edge modern technologies by removing legacy system.

The Dhaka Mercantile Co-operative Bank Ltd.
Software Engineer, AEO   01/01/2018 - 01/11/2020

Build up from scratch an Enterprise Resource Planning (ERP) solution software for Banking Sector & published to the cloud.

- Implementing comprehensive ERP software not only provides access to important data, also enabling a better process for collecting and analyzing data
- Better processes and communication lead to increased efficiency and enhanced company performance
  Moving data from the old legacy system and mapping it into the new ERP.
- Successfully developed Interconnected Realtime system using cutting edge modern technologies

EDUCATION

Bachelor of Computer Applications   2014-2017
Lovely Professional University, Punjab, India
CGPA: 7.7 out of 10

Extra Curriculum Activities:
1. Participated Project Expo-2017(Project Displayed: ExoVisix)
2. Participated Explorica-2016 (Project Displayed: StudyPhobia)
3. Participated in Hacker Rank World cup Competition

CERTIFICATIONS

Microsoft Asp.Net MVC Core with SQL Server 2017
BASIS Institute of Technology & Management (BITM)
Duration: 09/2020 - 10/2020

CAREER SUMMARY

Over 3.5 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.

SKILLS

Software Development Life Cycle
Creating vision, Ideation & design thinking, estimates & planning, develop, test, deploy, maintenance, project management & innovation using technologies.

Specialization
Full Stack Web Development
Android Application Development

Architectures and Principles
SPA, SOLID, MVC, MVVM, MVP, Micro front-ends

Programming languages
C# (.Net), JAVA, Typescript, Php, C/C++

Web Technologies
ASP.Net Core/MVC, EF/EF Core, React, Redux, Webpack, jQuery, CodeIgniter, Syncfusion, jQuery DataTable , HTML5, CSS3

Data Management
MS SQL Server, MySQL, SQLite, Azure SQL DB, SSIS, SSRS, SSDT, Crystal Report, RDLC Report

Cloud
Azure (App Services, VM, SQL Database),
CI/CD : GitHub Actions, Azure DevOps

Machine Learning
Computer Vision using OpenCV & JAVACV

Framework & Library
Android Room, Retrofit, JavaFX, OpenCV, LINQ, Entity Framework, Automapper, Select2

Other
Parallel Processing & Concurrency in C#, Generic, Reflections, Dependency Injection

PROJECTS PORTFOLIOS

🌐 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 : 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 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

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LANGUAGES

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

HOBBIES & INTERESTS

1. Robotics & AI, Devops , IoT , Blockchain , Automation
2. Cosmology, Science, Travelling
3. History, Ancient Civilizations
4. Sports: Cricket, Chess, Football, Pool

EDUCATION DETAILS

Bachelor of Computer Applications (BCA)
Lovely Professional University, Punjab, India
2014-2017
CGPA: 7.7 out of 10

Higher Secondary Certificate (HSC)
FM International College, Dhaka
2009-2011
GPA: 4.70 out of 5.0

Secondary School Certificate (SSC)
Mirpur Siddhanta High School, Dhaka
2007- 2009
GPA: 4.69 out of 5.0

PERSONAL INFORMATION

Father's Name	: Kartik Chandra Sarkar
Mother's Name	: Anta Rani Sarkar
Permanent Address	: 110/B, Coatbari, Darus Salam, Mirpur-1, Dhaka
Date of Birth	: 13th July 1993
Nationality	: Bangladeshi
Gender	: Male
National ID	: 19932694809000112
Marital Status	: Unmarried

DECLARATION

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

(Signature)