

Mobile Apps Developer (6 Years)

Proactive Software Developer with years of broad expertise in Full-Stack mobile application development with a willingness to learn and master microservices, Large Scale System Architecture Design, and TDD. Design Pattern & OOP practitioner.

Professional Experience

01/2018 – present
Chittagong, Bangladesh

Software Developer, *Automation & Systems, KDS Group*

- Developed and deployed a Cross-Platform Enterprise HRM Mobile Application for both IOS and Android.
- Made a great impact on the overall HRM System by making it easier and less time-consuming. Used tech-stack React-Native, Apple Enterprise Developer License, XCode, Push Notification, OTA deployment, Dotnet Core Web API, SQL Server.
- Planned and developed an Offline first Real-time data tracking system with Real-time production dashboards using React-Native, RabbitMQ, Dotnet Core Web API, SignalR, ReactJs, Redis, MSSQL
- Designed and developed a fast and optimized OCR based Mobile Application that reduced human error in the Finishing Section of Produced Garments and improved efficiency overall using React-Native, Dotnet Core Web API, JWT and SQL Server.
- Developed a QR Code based Mobile Application for maintaining a huge collection of Internal Garments Sample Inventory using Java, Android Studio, ASP.NET Web API, SQL Server.
- Transformed internal ERP System (EOTS) into a Web Application, by improving the overall performance by using Caching Mechanism with ASP.NET MVC, EF, SQL Server, JavaScript and Crystal Report.
- Conducted a ground-up requirement analysis, architecture design and Full Stack Development of a Performance Measurement Solution, that helps to track Monthly and Yearly Performance evolution of Strategic Business Units (SBU) defined by Organizational Goals.
- Used Tech ASP.NET MVC, EF, SQL Server.
- Designed and developed mission-critical dashboards for production forecasting, plan tracking, production-related cost analytics and trending charts based on available data using Dotnet Core, Fusion Chart, JavaScript, EFCore.
- Designed new Database and Data schemas for the critical systems for improving data integrity and execution efficiency using SQL Server.
- Deployed and managed an on-premises version control system by integrating a Self-hosted GitLab server using Existing Infrastructure. GitLab CE Omnibus, CentOS 7, Backup Bash Script.

08/2016 – 10/2017
Chittagong, Bangladesh

Mobile Application Developer, *Automate Infosys Limited*

- Developed and released the Official Mobile Application for Chittagong City Corporation (CCC) with a Web Dashboard to manage Notification System, Notice board, Tax and E-Tender like features.
- Designed and implemented a real-time complaint tracker with image and video attachment which helped to resolve some important issues like wastage management irregularity and many other issues.
- Developed and released a Mobile Application (Wave of Cox's Bazar) for Cox's Bazar DC Office. Which helped local and foreign tourists to get authentic information about local hotels, tidal info and Emergency Safety Features for tourists by using their GPS.

Skills

Mobile Development



React-Native (Android/iOS), IOS Enterprise, VS App Center, XCode, Cocoa Pod, Android SDK

Back End



C#, ASP.NET Web API, REST, LINQ, EF Core, Azure Cloud, Docker, RabbitMQ

Front End



ASP.NET Core, JavaScript, ES6, ReactJs, Angular, JWT, PWA, .NET Razor, Json, Push Notification

Databases



SQL Server, MySQL, Elastic Search, Oracle PL/SQL, GraphQL, Redis, Firebase, Realm

Dev Environment



Linux (Ubuntu, CentOS 7), Windows 10, MacOS (Catalina)

SDLC



SOLID, OOP, UML, ER-Diagram, GIT, GitLab, Jira, Trello

Education

06/2013 – 06/2017

B.Sc. in Computer Science & Engineering (CSE), Premier University

Chittagong, Bangladesh

12/2016 – 04/2017

Professional Web Application Development (DOTNET),

Chittagong, Bangladesh

BASIS Institute of Technology & Management.

Projects

Log Management Solution (Loggie) for ISPs

- Developed a cost-effective Log Management Solution for Internet Service Providers with Elastic Search, Log Stash and ReactJs as front End.
- Created the solution to be more robust and easier to maintain for the users with better log maintenance.

Notification System for University Students

- Designed and Developed a Native Android Mobile Application for a University Authority to help to decrease the communication gap between Course instructor and students.
 - Managed a single app for both teacher & student module that connected to a Central Web Dashboard for maintaining all the features available inside the application.
 - Implemented Push Notification and Firebase Realtime Database as a unidirectional communication way for both teacher and student for faster communication between both entities.
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Leadership and Extra-Curricular Activities

Lead a team at National Hackathon 2016 for developing a Mobile Application Idea focused on sustainable tourism.

Participated in BYLC Youth Leadership Summit 2016 as a National Delegate along with Foreign Delegates from all over the world.

Trained Community Volunteer in CDMP-II (Comprehensive Disaster Management Program) under the Ministry of Civil Defense.

Languages

English • Bangla

Interests

Reading

Hands on learning new Technology

TED Talks

Documentaries

Travelling

Cycling