ARIFUL ISLAM AKASH

SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

A results-driven .NET Full Stack Developer with 3.7 years of hands-on experience in designing, developing, and maintaining scalable, secure, and high-performance enterprise applications. Highly proficient in C#, ASP.NET Core MVC, Entity Framework Core, SQL Server, and React, with strong expertise in clean architecture, secure coding practices, and modern software design principles. Proven track record of delivering complex business solutions on time, with specialized experience in dynamic Role-Based Access Control (RBAC), Point-of-Sale (POS) systems, garments payroll solutions, and IT infrastructure support. Skilled at transforming complex business requirements into efficient, reliable, and user-focused software solutions.

TECHNICAL SKILLS

- **TECHNICAL SKILLS (Streamlined & Updated)**
- **Programming Languages:** C#, SQL, LINQ
- **Web Technologies:** ASP.NET Core MVC, React, JavaScript, Bootstrap, AJAX, HTML/CSS
- **Frameworks & ORMs:** .NET Framework, .NET Core, Entity Framework Core, ADO.NET
- **Databases:** MS-SQL Server, MySQL
- **Version Control:** Git, GitHub, GitHub Desktop
- **Operating Systems:** Windows, Linux
- **Reporting Tools:** Crystal Reports
- **Concepts & Tools:** RESTful APIs, Microservices (Basic), OOP, Clean Architecture, CQRS (MediatR), AutoMapper, WordPress Customization

Nano Information Technology (Nanosoft)

FULL STACK SOFTWARE DEVELOPER   **July 2024 - Present**

Point of Sale (POS) System Development:

- Developed a full-stack POS system with real-time inventory tracking, low-stock alerts, and automated invoicing.
- Implemented sales, due/credit management, and payment history with optimized transactional workflows.
- Built inventory and sales reports for stock analysis and procurement optimization.
- Integrated Role-Based Access Control (RBAC) using JWT for secure, role-specific access.
- Designed RESTful APIs and optimized database queries for performance and scalability.

- **Tech Stack:**
  - ASP.NET Core (MVC), C#, Entity Framework Core, SQL Server, JWT, HTML, CSS, Bootstrap, JavaScript, AJAX, Git

Dushtha Shasthya Kendra (DSK) NGO Project

- Architected a scalable permission-based authorization system using ASP.NET Core policies and custom attributes, enabling granular CRUD-level access across core modules.
- Developed RESTful APIs for key modules (User, Location, Project Management) using MediatR (CQRS) and AutoMapper.
- Designed and implemented optimized database schemas for operational and monitoring records with sequences and indexes.
- Improved SQL Server performance and reliability through query optimization, indexing, and backup/restore management.
- Provided Level 1 & 2 IT support, resolving hardware, software, and network issues to minimize system downtime.

- **Tech Stack:**
  - ASP.NET Core (Web API), C#, MediatR (CQRS), AutoMapper, SQL Server, REST API, JWT, Git

Piistech Limited

FULL STACK SOFTWARE DEVELOPER   **Nov 2023 – Feb 2024**

eCommerce & POS System (nopCommerce)

- Customized and extended nopCommerce-based POS for transaction processing, real-time inventory tracking, and sales reporting.
- Implemented custom plugins and business logic to meet client-specific requirements.
- Configured SSL security and application settings to ensure secure data transmission.

- **Tech Stack:**
  - ASP.NET MVC, nopCommerce, C#, SQL Server, HTML, CSS, JavaScript

Mojuri – Garments Payroll System

- Contributed to employee and leave management modules within a garments-focused payroll system.
- Assisted in implementing structured workflows to support payroll processing.

- **Tech Stack:**
  - ASP.NET MVC, C#, SQL Server

Madrasha Student Tuition Fees System (HisabKhata)

- Developed student fee management modules including fee tracking, payment history, automated alerts, and reporting.
- Implemented secure authentication and data export features (Excel/PDF) for administrative use.
- **Tech Stack:**
  - ASP.NET Core / MVC, C#, SQL Server, Authentication, Reporting, Excel/PDF Export

FULL STACK SOFTWARE DEVELOPER
KS Apparels Limited   **May 2022 – Oct 2023**

Payroll System Development

- Led development of a garments-based payroll system using .NET Core 3.1, working closely with HR to implement domain-specific requirements.
- Integrated biometric attendance systems (ZKT, Biostar, RAS, HAMS) to automate attendance and overtime processing.
- Implemented complex salary calculation logic including attendance, overtime, tax, social security, and healthcare deductions.
- Developed employee benefits modules (leave, loan, benefits) and automated payslip and payroll report generation.

Tech Stack:
- .NET Core 3.1, C#, ASP.NET Core MVC / Web API, SQL Server, Biometric Integration, Reporting

PERSONAL PROJECT

- **Bus Ticket Booking and Management Web Application:**
  - Create bus destination schedule
  - Add/Update driver and supervisor
  - Ticket booking and printing
  - Stored customer information
- **Store POS Desktop Application**
  - Add/Update products information
  - Update products stock
  - Calculate total price, tax, discount
  - Print seller & buyer bill copy
- **Telegram Chat Bot Web Application**
  - Using Telegram API
  - Provides auto-reply to messages

EDUCATION

B.Sc. in Computer Science and Engineering
Major: Computer Science and
Engineering (CSE)
CGPA: 3.27

IUBAT - International University of Business Agriculture and Technology

REFERENCES

Dr Utpal Kanti Das

Professor & Chairmanat at IUBAT-University

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Robiul Karim

Project manager at Pisstech Limited

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