 **Sreemonta Bhowmik**

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**PROFESSIONAL SUMMARY**

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A highly skilled software engineering expert with 10+ years of experience in the software industries. A collaborative developer and engineer with experience and education in the software side of technology who thrives on discovery and accelerating performance.

**SKILLS**

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| **Languages** | **C#** (Fluent), **Typescript** (Fluent), **VB.NET** (Competent), **JavaScript** (Fluent), **C++** (Competent) |
| **Frameworks** | **ASP.NET 6.0** (Fluent), **Angular 14** (Fluent), **Entity Framework Core** (Fluent), **Express.js** (Competent) |
| **Architectures** | **MVC** (Fluent), **Microservice** (Competent) |
| **Databases** | **SQL Server** (Fluent), **PostgreSQL** (Competent), **MongoDB** (Competent) |
| **Web Dev Platforms** | **.NET 6.0 Web API** (Fluent), **Ajax** (Fluent), **Node.js** (Competent) |
| **Libraries** | **JQuery** (Fluent), **React.js** (Competent) |
| **Reporting Tools** | **Crystal Report** (Fluent), **RDLC** (Fluent) |
| **Framework Components** | **LINQ** |
| **Tools, Technologies & Version Controls** | **VS 2022**, **VS Code**, **Azure Repos** (Intermediate), **Azure App Service** (Intermediate), **Docker** (Intermediate), **TFS**, **Git**, **Gitlab**, **SVN**, **Visual SourceSafe**. |

**WORK EXPERIENCE**

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**Senior Software Engineer** (Mar 2021 – Present)

M2SYS Technology • Dhaka

* Responsible for requirement analysis, design, development, and API documentation of software solutions for the clients.
* Working on multiple projects (**1**. Cloud-based Biometric solutions for various industries such as border management, health sectors in several countries **2**. CloudApper, which is a platform that makes it simple for businesses to create and deploy task-specific web and mobile apps) on-demand basis.
* Increased the customer satisfaction score from 75% to 95% by providing an alternate solution in Biometric analytics service, which was dependent on the third-party service earlier.
* Successfully completed the development of two Connectors and deployed, which is an intermediary mapper & API platform, which acts between CloudApper and the Client server. It helped at least two targeted customers to agree to do their business with M2SYS.
* Successfully completed the development of Biometric API for biometric operations and internal biometric data migration process.

**Software Architect** (Mar 2020 - Sep 2020)

LeadSoft Bangladesh Limited • Dhaka

* Collaborating with the various stockholders about the requirements and analyzing the requirements with the development team.
* Designing, architecting, developing the software from the ground level, and creating high-level design documents.
* Guiding, motivating, and assisting the development team (by providing an architectural blueprint) throughout the process and ensuring that all are aligned with development understanding and deadlines.
* Ensuring software security, code refactoring & reviewing on the daily basis, UAT testing, coaching, and training of team members to ensure that all end customers are confident enough to use the software applications.
* Conducting daily SCRUM meetings to remove obstacles in the team toward development and weekly knowledge-sharing meeting on best practices in coding and new technologies.
* Successfully completed the Production Module of Pharmaceutical ERP solution with new technologies on an ASAP basis and helped to generate the revenue of approximately 40% to meet the departmental revenue generation target.
* Successfully migration of old Pharmaceutical ERP solutions with new technologies and tools, which were facing various problems to fit new customers’ requirements.

**Senior Software Engineer** (Oct 2015 - Feb 2020)

Raihana Consulting (A US-based offshore company) • Dhaka

* Lead the application development team to successfully launch multiple applications for multiple clients on time with a number of constraints, while ensuring no compromise to the highest level of quality of standards and meeting customer requirements.
* Overseas and local client communication regarding the new requirements, existing software errors, and bugs.
* Documenting all the applications and support systems, to present clear concepts about the high-level design and business procedures of existing or new applications, effectively training, sharing technical knowledge, and hence reducing the on boarding time by 35%.
* Developed and deployed the user-interactive system successfully, which became the prime product of the company to generate revenue by 50% every year.

**Programmer** (Jul 2014 - Oct 2015)

CSL Software Resources Limited • Dhaka

* Developed various modules of different ERP web solutions (Accounting, Apparel Manufacturing) along with various reports where database design and modification were done for existing and new applications.
* Achieved a total of 30% (comprising software and support agreement) of the revenue budget of the company by finishing the critical and essential modules of the Accounting ERP solution within the deadline, and deploying.
* The enormous development of the RDLC report and client support, contributed to the increment of the revenue earning by at least 15 to 20% where new approaches to customer data visualization were introduced for successful customer retention.
* Attending weekly knowledge sharing sessions, leading and pairing programming with juniors to make them confident and productive, and reporting to the supervisor about project flow, progression, and technical difficulties.

**Programmer** (Apr 2012 - Jul 2012)

CSL Software Resources Limited • Dhaka

* Windows-based ERP software and report development for mainly apparel industries.
* A large volume of analysis reports modification and development which helped to enlarge the revenue percentage to more than 15%.
* Involved immediately in effective client communication, satisfying the requirements by developing or modifying the various modules, and on-time delivery results reduced the on-board training cost by 5%.
* Multi-task and change from one task to another without the loss of efficiency or composure where possessed up-to-date technical knowledge which helped to apply the best technical ideas to design the solutions for the end clients.

**Junior Programmer** (Jun 2010 - Mar 2012)

Raihana Consulting (A US-based offshore company) • Dhaka

* Participated in coding activities, maintaining the integrity of program logic and coding, developing and updating existing systems to increase task success rate by 25%, and eventually increased the annual profit to near about 15 to 20%.
* Worked with senior technology solutions team members to assist with the development of over 2+ software solutions on a wide variety of platforms including web, and Desktop.
* Team collaboration for Microsoft Dynamics customization using AX.

**EDUCATION**

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**Master in Applied Mathematics** Jul 2012 - Jun 2014

South Asian University • New Delhi

**Bachelor of Technology (B.Tech) in Computer Science & Engineering** Jul 2004 - Aug 2008

West Bengal University of Technology • West Bengal

**VOLUNTEER WORK**

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**Senior Software Engineer** (Oct 2020 - Feb 2021)

Redeem Tech • Copenhagen

* Developed a Windows-based application and deployed it at the client-side to help to generate revenue of approximately 10% for the startup.
* Team collaboration and assisting team members to achieve the business goal and coding issues for fulfilling the client requirements.
* Research & Development related work was done with the co-worker to understand the business and prepared DFD, Architectural design, and final documents (HLD).