

# Sreemonta Bhowmik

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## Professional Summary

Experienced full-stack software developer with over 13 years in designing, developing, and implementing robust applications and solutions across diverse technologies. Skilled in translating complex requirements into efficient, scalable software and seeking to leverage this expertise in a challenging Full-Stack Software Engineer role.

## Skills

Languages	<b>C#</b> (Fluent), <b>Typescript</b> (Competent), <b>VB.NET</b> (Competent), <b>JavaScript</b> (Fluent), <b>C++</b> (Competent)
Frameworks	<b>ASP.NET 3.5, 4.0</b> (Fluent), <b>.NET Core 3.1</b> (Fluent), <b>.NET 5</b> (Fluent), <b>.NET 6</b> (Competent), <b>WPF</b> (Competent), Angular <b>6, 8, 9, 10, 11, 13, 14</b> (Fluent), <b>AngularJS</b> (Beginner), <b>ADO.NET</b> (Fluent), <b>Test Driven Development</b> (Competent), <b>Entity Framework Core</b> (Fluent), <b>Express.js</b> (Competent)
Architectures	<b>ASP.NET MVC</b> (Fluent), <b>Microservice</b> (Competent)
Databases & Storage	<b>SQL Server</b> (Fluent), <b>Cassandra &amp; PostgreSQL</b> (Intermediate), <b>MongoDB</b> (Beginner), <b>Redis Cache</b> (Beginner)
Web Dev Platforms	<b>.NET 6.0 Web API</b> (Fluent), <b>SOAP Service</b> (Competent), <b>Ajax</b> (Fluent), <b>Node.js</b> (Competent), <b>REST API</b> (Fluent).
Libraries	<b>JQuery</b> (Fluent), <b>React.js</b> (Beginner)
Reporting Tools	<b>Crystal Report</b> (Fluent), <b>RDLC</b> (Fluent), <b>SSRS</b> (Competent)
Framework Components	<b>LINQ</b>
Cloud & Containerization	<b>Azure Boards and Repos</b> (Beginner), <b>Azure App Service</b> (Beginner), <b>Docker</b> (Intermediate).
System Design & Server	<b>SOLID</b> (Competent), <b>Design Pattern</b> (Intermediate), <b>IIS</b> (Competent)
Version Controls	<b>TFS, Git, Gitlab, SVN, Visual SourceSafe.</b> (Competent)
Migration	<b>Database</b> (Competent), <b>.NET Version Migration</b> (Competent)
Tools, Technologies	<b>VS 2008, 2010, 2015, 2019, 2022, VS Code, SQL Server 2012, 2016, 2019, Photoshop</b>

## Work Experience

Application Consultant

Apr 2023 to Continue

**Dubaihealth, Dubai, United Arab Emirates**

- Led a critical project with minimal initial staffing, overseeing all phases from planning and design to development, ensuring on-time delivery and alignment with client goals.
- Successfully revitalized a stalled charity application project for the Dubai Healthcare Authority, transforming it into a fully functional solution and launching the patient charity portal for public access.
- Addressed and resolved payment-related challenges within the charity application, improving the payment collection process and contributing positively to the organization's financial health.
- Played a pivotal role in securing new projects by establishing strong client relationships, leading to additional contracts with key clients such as Dubai Healthcare Authority and Al Jalila Foundation.

**Language/Technology used:** C#, .NET Core 3.1, .NET Web API, SQL Server 2019, Angular 10 and 16, IIS 8.5, and Azure Repos.

Full-Stack Developer

Sep 2022 to Feb 2023

**Blue Logic Digital, Dubai, United Arab Emirates**

- Developed high-quality applications tailored to client requirements in the insurance sector, with a focus on health and motor insurance, ensuring secure and reliable solutions.
- Translated complex client requirements into robust code, delivering secure front-end and back-end solutions aligned with industry standards for insurance compliance.
- Proactively took ownership of tasks from start to finish, consistently meeting deadlines and quality standards.
- Integrated front-end components into back-end systems, creating seamless user experiences and ensuring optimal functionality across applications.
- Produced comprehensive technical documentation, enabling streamlined handovers and efficient maintenance.

**Language/Technology used:** C#, .NET Framework 4.5, 4.8, .NET Core, ASP.NET MVC, Web API, SQL Server 2016, Angular 8, Angular 13, IIS 8.5, Azure Repos.

Senior Software Engineer

Mar 2021 to Aug 2022

**M2SYS Technology (A US-based offshore company), Dhaka, Bangladesh**

- Conducted detailed requirement analysis, design, and development of software solutions, consistently aligning deliverables with client specifications and project goals.
- Elevated customer satisfaction from 75% to 95% by introducing an alternative solution for Biometric Analytics services, reducing dependency on third-party systems.
- Developed and deployed two intermediary connectors for CloudApper, which enhanced data integration between client servers and internal platforms, enabling two target customers to onboard with M2SYS.
- Spearheaded the development of a comprehensive Biometric API for various biometric operations, including data migration processes, significantly streamlining operations for end users.
- Produced thorough API documentation, facilitating smooth integration for clients and reducing onboarding time for new technical staff.

**Language/Technology used:** C#, .NET Framework 4.5, 4.8, .NET Core, ASP.NET MVC, Web API, SQL Server 2016, Angular 8, Angular 13, IIS 8.5, Azure Repos.

Software Architect (Full stack development)

Mar 2020 – Sept 2020

**LeadSoft Bangladesh Limited, Dhaka, Bangladesh**

- Collaborated closely with stakeholders to gather requirements and led the architecture, design, and development of a Pharmaceutical ERP solution, boosting departmental revenue by 40%.
- Directed and motivated the development team, ensuring alignment with design standards and successfully migrating legacy ERP solutions to new technologies, enhancing system reliability and client satisfaction.
- Conducted daily SCRUM meetings and weekly knowledge-sharing sessions to foster team cohesion and adherence to best practices, accelerating development cycles and improving code quality.
- Successfully delivered the Production Module of the ERP on a tight timeline, contributing significantly to revenue growth and client retention.

**Language/Technology used:** C#, .NET Framework 3.5, 4.5, ASP.NET MVC, .NET Core, Entity Framework Core, In-Memory Cache, SQL Server 2016, Angular 9, Docker, Azure app service, Azure Repos, Github, TFS.

Senior Software Engineer (Full stack development)

Oct 2015 – Feb 2020

Junior Programmer

Jun 2010 – Mar 2012

**Raihana Consulting (A US-based offshore company), Dhaka, Bangladesh**

- Led development teams in the successful launch of multiple client applications, ensuring high standards of quality and adherence to deadlines.
- Strengthened client relationships through effective communication on new requirements, bug fixes, and ongoing software improvements, contributing to client retention and satisfaction.
- Developed user-interactive systems that became a primary revenue driver, increasing company earnings by 50% annually.
- Documented high-level designs and business processes, reducing onboarding time by 35% through improved clarity and knowledge sharing.

**Language/Technology used:** C#, .NET Framework 3.5, 4.5, ASP.NET MVC, .NET Core, Entity Framework Core, In-Memory Cache, SQL Server 2012, Angular 8, IIS, TFS, Crystal Report.

Programmer

Jul 2014 – Oct 2015

Programmer

Apr 2012 – Jul 2012

**CSL Software Resources Limited, Dhaka, Bangladesh**

- Developed and enhanced modules for ERP web solutions in Accounting and Apparel Manufacturing, including critical report generation, contributing to a 30% increase in company revenue.
- Designed and optimized database structures for new and existing applications, improving data accessibility and operational efficiency.
- Spearheaded new approaches in data visualization through RDLC reporting, increasing customer retention by 15-20%.
- Led knowledge-sharing sessions and mentoring activities with junior programmers, fostering team growth and accelerating project progression.

**Language/Technology used:** C#, .NET Framework, ASP.NET MVC, SQL Server 2012, Infragistics UI, JQuery, JavaScript, IIS, GitHub, TFS, RDLC, Crystal Report

## Education

### July 2012 – June 2014

Master of Science in Applied Mathematics, SOUTH ASIAN UNIVERSITY (SAARC), NEW DELHI, INDIA

GPA: 5.24/9.00

### July 2004 – August 2008

Bachelor of Technology in Computer Science & Engineering, WEST BENGAL UNIVERSITY OF TECHNOLOGY, WB, INDIA

GPA: 7.52/10.00

## Volunteer Work

Senior Software Engineer

Oct 2020 – Feb 2021

### Redeem Tech, Copenhagen, Denmark

- Developed and deployed a Windows-based application for client-side use, contributing to a 10% revenue increase for this early-stage startup.
- Collaborated closely with team members to resolve coding issues and align development efforts with business goals, ensuring efficient project progression.
- Conducted research and development on business requirements, producing high-level design documentation and architectural diagrams (HLD, DFD) to guide the development team.

**Language/Technology used:** C#, .NET Core, Entity Framework Core, Redis Cache, SQL Server 2016, Angular 9, IIS, TFS

## Language Proficiency

English (Advanced), Bengali (Native), Hindi (Advanced)