**Sreemonta Bhowmik**

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**Professional Summary**

Senior Full-Stack Developer with 12 years of experience across software, healthcare, and apparel industries, delivering enterprise applications including ERP solutions for apparel and pharmaceutical clients, biometric applications, charity platforms, and insurance systems. Extensive international experience with collaborative development across Bangladesh-based teams and global teams in US and Turkey, plus development assignments in China and volunteer work in Denmark. Currently architecting solutions at Dubai Health Authority, consistently achieving 35-40% performance improvements through .NET Core, Angular, SQL Server, and modern cloud architectures.

**Skills**

**Backend:** C#, .NET 6-9, .NET Core, ASP.NET Web API, Node.js, Express.js, Entity Framework Core

**Frontend:** Angular (8-19), Typescript, JavaScript, jQuery

**Databases:** SQL Server 2019, PostgreSQL, MongoDB, Redis Cache

**Cloud & DevOps:** Azure Services, Docker, Git, GitLab

**Architecture:** Microservices, MVC, SOLID, Design Patterns, REST API, SOAP

**Server & Tools:** IIS, VS 2022, VS Code, TDD, **Authentication & Security:** JWT, SSO, and UAE Pass

**Reporting:** SSRS, Crystal Reports, RDLC, LINQ**, Integration:** IDAM Integration, Application & External API Integrations

**Migration:** Database Migration, .NET Framework to .NET Core/6

**Work Experience**

Application Consultant Apr 2023 – Continue

**Healthcare Solutions (Deployed at Dubaihealth), Dubai, United Arab Emirates**

* Led the full-stack development and modernization of the Charity Application, upgrading from Angular 8 to 10 and optimizing the backend API for improved performance, while also designing, developing, and deploying a public-facing Charity Portal from scratch using backend API, Ocelot API Gateway, and Angular 16.
* Accelerated donation processing by 40% by streamlining commitment letter management.
* Successfully integrated Non-DAHC hospitals into the financial aid system within 20 days, exceeding user expectations by 56% and enabling the processing of 200+ charity requests immediately.
* Built Windows Services for real-time donation utilization sync, shifting from monthly to 30-minute automated data synchronization with external regulatory body IACAD (Abu Dhabi), ensuring 100% accuracy in financial reporting while reducing manual efforts and errors.

**Language/Technology used:** C#, .NET Framework 4.5, .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 – Feb 2023

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

* Architected and delivered insurance management platform handling 1000+ daily transactions for UAE health and motor insurance providers using .NET Core and Angular 13.
* Reduced system response time by 35% through optimized database queries and frontend component lazy loading.
* Implemented comprehensive logging and monitoring system, decreasing bug resolution time by 50%.
* 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 – Aug 2022

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

* Increased customer satisfaction from 75% to 95% by redesigning and developing an in-house Biometric Analytics service, eliminating $50K annual third-party dependency.
* Developed high-performance Biometric API processing 100K+ daily transactions, reducing response time by 25%.
* Built two custom CloudApper connectors enabling seamless biometric data integration, leading to successful onboarding of two major enterprise clients.
* Designed automated migration toolkit for legacy biometric systems, reducing client migration time from weeks to days.
* Created interactive API documentation portal, decreasing client integration time by 60% and technical support tickets by 40%.

**Language/Technology used:** C#, .NET Framework 4.5, .NET 5, Web API, SQL Server 2016, Angular 13, NGINX, Docker.

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 30%.
* 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 Core, Entity Framework Core, In-Memory Cache, SQL Server 2016, Angular 9, Docker, Azure app service, Azure Repos, Github, TFS.

Senior Software Engineer & Junior Programmer, **Raihana Consulting (A US-based offshore company), Dhaka, Bangladesh**   
(Oct 2015 – Feb 2020) (Jun 2010 – Mar 2012)

* Led application development teams delivering 15+ software solutions across web and desktop platforms for US and local clients, increasing company revenue by 50% annually and improving task success rates by 25%
* Collaborated with distributed US-Bangladesh teams on Microsoft Dynamics AX customizations and enterprise applications, managing client communications for requirements gathering and issue resolution
* Developed comprehensive documentation and conducted technical training sessions, reducing client onboarding time by 35% while mentoring junior developers and ensuring quality standards

**Language/Technology used:** C#, .NET Framework, ASP.NET MVC, Microsoft Dynamics AX, SQL Server, Crystal Reports  
  
**Programmer**, CSL Software Resources Ltd, Dhaka, Bangladesh (Jul 2014 – Oct 2015)

* Developed ERP modules (Web) for Accounting and Apparel Manufacturing, and building RDLC and Crystal reports.

**Programmer**, CSL Software Resources Ltd, Dhaka, Bangladesh (Apr 2012 – Jul 2012)

* Developed ERP modules (Desktop) for Apparel Manufacturing, and building RDLC and Crystal reports.

**International Experience**

* Development assignment in China (2016) - 3 months
* Senior Software Engineer (Volunteer), Denmark (2020 – 2021) - 5 months

**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

**Language Proficiency**

English (C1 - Advanced), Bengali (Native), Hindi (C1 - Advanced)