

SK MATROOK ISLAM

Full-Stack Engineer | Angular & React | ASP.NET Core & C# | Python & Django

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Summary

Senior Software Engineer with 11+ years of experience in software engineering and high-throughput system architecture. Expert in C# and ASP.NET Core, with a proven track record of scaling digital financial tools and supply chain logistics platforms. Skilled in building robust front ends using Angular and React, integrated with scalable cloud infrastructure to solve complex engineering challenges for MSMEs and retailers.

Work Experience

Senior Software Engineer

Sep 2025 – Present

Armabel Global Ltd. • Dhaka

- Architected and implemented responsive single-page applications using Angular (v2+), React (Vite), and TypeScript, ensuring software architecture supports high-throughput systems and real-time operational pressure.
- Integrated front-end applications with C# backends and RESTful APIs, utilizing JWT authentication and cloud infrastructure best practices to secure financial tools and client-server communication.
- Managed Microsoft SQL Server databases, focusing on query tuning and data access patterns to optimize performance for data-intensive supply chain and product development projects.
- Specialized in dynamic SPA architecture and client-side state management to support interactive user interfaces and improve perceived performance for complex technical development projects.

Senior Software Engineer

Oct 2023 – May 2024

DOM -INNO • Dhaka

- Built front-end applications with Angular, TypeScript, and RxJS, integrating them with ASP.NET Core APIs while researching and implementing modern API versioning standards for core infrastructure.
- Implemented real-time features using SignalR and designed RESTful API contracts to support cross-platform clients and digital finance automation requirements.
- Deployed full-stack applications on IIS and automated delivery through CI/CD pipelines using GitHub Actions to enhance operational excellence and platform reliability.
- Modernized legacy systems by rebuilding databases and developing RDLC reports, translating complex business requirements into streamlined technical solutions for logistics and reporting.

Senior Software Engineer (Team Lead)

Dec 2017 – Aug 2021

SERVICE ONE • Dhaka

- Led technical development of fingerprint and facial recognition biometric systems, providing team leadership and mentoring to junior engineers in a high-stakes production environment.
- Designed RESTful APIs and backend services for authentication workflows, integrating Android SDKs and building React dashboards for real-time monitoring and business development support.

- Owned architecture decisions across the full stack, leading code reviews and establishing engineering standards to ensure reliable production support for core systems.
- Participated in client meetings to provide technical expertise, ensuring proposed solutions aligned with both client needs and technical feasibility for large-scale distribution.

Software Engineer

Feb 2015 – Mar 2017

Khan and Khan Research and Development foundation. • Dhaka

- Developed PHP and WordPress-based solutions, including custom themes and plugins, while researching performance optimizations for high-traffic sites.
- Built front-end interfaces with JavaScript, HTML, and CSS, integrating REST APIs for dynamic content and product development.
- Optimized MySQL databases and implemented API-driven integrations for e-commerce features to drive business growth and supply chain efficiency.
- Utilized Git for version control and applied site performance and SEO optimizations to improve brand visibility.

Junior Software Engineer

Dec 2012 – Nov 2013

Unisoft Systems Limited(USL) • Dhaka

- Developed web applications using C#, VB.NET, and JavaScript, implementing server-side logic with ASP.NET Core and MVC frameworks.
- Implemented data access using Entity Framework and SQL Server, supporting API development and integration for internal automation systems and financial tools.
- Improved site performance and SEO integration through front-end optimization and best-practice asset management.
- Utilized Visual Studio, IIS, and Git for development, deployment, and version control within a professional engineering environment.

Education

Ahsanullah University of Science and Technology

Jan 2008 – Jan 2012

Computer Science & Engineering | Bachelor of Science in Computer Science & Engineering (CSE)

GPA: 2.48

Kaligonj College

2004 – 2005

Science | HSC

GPA: 3.20

Dhuliapur High School

Jan 2021 – Jan 2003

Science | SSC

GPA: 3.38

Languages

English, Bangla, Arabic

References

Md. Hafizur Rahman: Unisoft Systems Limited: Senior Software Engineer

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Md. Ran-O-Beer Islam: DOM-INNO: Head of IT, MIS

Phone: +880 1819-061476

Email : ranobeer@dominno-bd.com

Skills

Frontend

Angular (v2+), React, TypeScript, RxJS, Angular Material, Tailwind CSS, HTML5, CSS3, Vite

Backend & APIs

Node.js, RESTful API design and integration, JWT, SignalR

Databases

Microsoft SQL Server, MySQL, PostgreSQL, T-SQL, Microsoft Access

Frameworks & Platforms

ASP.NET MVC, Web Forms, Entity Framework, Django, FastAPI

DevOps & Tools

IIS, GitHub Actions, CI/CD pipelines, Git

Programming Languages

Python, C#, PHP, Java, Kotlin, C, VBScript, VB.NET, VBA, SQL

CMS & E-commerce

WordPress, WooCommerce

Reporting & ERP

RDLC Reports, Crystal Reports

Technical Expertise

Biometric authentication systems, Full-stack development, Site performance optimization, Software Engineering