Mahfozur Rahman

Full-Stack .NET & Angular Developer

Dhaka, Bangladesh | +880 1758 091506 | mahfozmt@gmail.com
linkedin.com/in/mahfozmt | github.com/mahfozmt | mahfozmt.com

Summary

Full-stack .NET and Angular developer with 6 years of experience building and supporting production software for clients in the US and Bangladesh. Started on .NET Framework, ADO.NET, and T-SQL stored procedures, and now builds multi-tenant SaaS with .NET 8, Angular, and Microsoft Azure. Takes features from database design and APIs through the user interface, CI/CD, and production support. Uses AI coding agents daily to work faster, while planning, reviewing, and testing every change personally. Microsoft Certified Professional (MCP).

Skills

Languages: C#, T-SQL, TypeScript, JavaScript, HTML, CSS

.NET: ASP.NET Core, .NET 8, ASP.NET Web API (REST), Entity Framework Core, LINQ, Blazor, SignalR, Hangfire, .NET Framework, ASP.NET MVC, Web Forms, Windows Forms, WPF, ADO.NET, Windows Services

Front End: Angular (v8 to v21), RxJS, Angular Material, Kendo UI, SlickGrid, AngularJS, jQuery

Databases and Reporting: Microsoft SQL Server (stored procedures, query optimization, SQL Server Agent), PostgreSQL, SAP Crystal Reports, RDLC

Cloud and DevOps: Microsoft Azure (App Service, Blob Storage, Container Apps), GitHub Actions, CI/CD, Docker, Docker Compose, Nginx, Linux, IIS, Git

Practices: CQRS, dependency injection, role-based access control, two-factor authentication, unit, integration and Playwright E2E testing, code review, debugging

AI-Assisted Development: Claude Code, Google Antigravity, LLM API integration

Mobile: Flutter (WebView app)

Experience

Software Developer Aug 2023 – Present

COBAIT *Dhaka, Bangladesh (Hybrid)*

Building BizTRAQ (biztraq.com) for Triulta, Houston, TX, USA

- Develop full-stack features for BizTRAQ, a multi-tenant platform on Microsoft Azure that manages documents, records, and workflows for US businesses in healthcare (HIPAA), fuel distribution, and case management.
- Build .NET Web API services on SQL Server with Entity Framework, and Angular record grids with SlickGrid and Kendo UI: server-side sorting, filtering and pagination, inline and bulk editing, and admin-configurable columns.
- Refactored the monolithic event search code into separate query, filter, sort, and permission services (about 1,000 lines moved out of one class) and tuned grid search and row-count queries.
- Built two-factor authentication: six-digit codes sent by email or SMS and stored hashed, expiry, a five-attempt lockout, a 30-second resend cooldown, per-tenant settings, and a shared-link bypass, with Playwright E2E tests.
- Built the .NET 8 Blazor document service (Telerik, SuperDoc): DOCX and XLSX editing, PPTX viewing, legacy Office formats, Save as PDF, and OCR; packaged it with Docker and deployed it with GitHub Actions to Azure using OpenID Connect.
- Built BizDRIVE document features: permission-aware editing, versioning with configurable retention, view-only locking, external sharing, and DOCX redlining with author attribution and real-time presence for multiple editors.
- Built AI Document Chat and document summaries: an Angular chat panel with an OCR step for scanned files, and a .NET Web API that checks permissions and tenant scope before calling an LLM agent service on Azure Container Apps.
- Fixed an intermittent production crash caused by broken pooled database connections: removed a shared DbContext, added safe rollbacks in seven controllers and connection recovery, and moved large note content to file storage.
- Work daily with Claude Code and Google Antigravity as coding agents for implementation, refactoring, tests, and documentation; plan each task, review every diff, and debug and test the result before release. Review pull requests and resolve production issues.

Software Consultant (Part-Time) Aug 2023 – Present
LivingHub Technologies *Dhaka, Bangladesh*

- Provide architecture guidance, enhancements, and production support for the LivingHub platform.

Software Engineer Jan 2023 – Aug 2023
LivingHub Technologies *Dhaka, Bangladesh*

- Co-built the .NET 6 back end of LivingHub (livinghub.tech) with a small team: a SaaS that automates building utility management, including accounting, service-charge collection, and expense tracking, on PostgreSQL and EF Core using CQRS.
- Automated recurring updates and notifications with Hangfire background jobs.
- Containerized the platform with Docker and Docker Compose and deployed it behind Nginx on Linux.
- Built the Angular front end with Kendo UI, and a Flutter WebView app published on Google Play.

Software Engineer Nov 2022 – Jan 2023
Global Software Architects (GSA) *Dhaka, Bangladesh*

- Tuned slow production queries and set up SQL Server Agent jobs for scheduled data processing.
- Reviewed and merged pull requests, deployed builds to the test server, and mentored junior developers.

Junior Software Engineer Oct 2020 – Oct 2022
Global Software Architects (GSA) *Dhaka, Bangladesh*

- Built the reporting back end of AutoGuard (autoguardtracking.com), a live GPS vehicle tracking system, on .NET Framework Web API and ADO.NET, plus the APIs the mobile app team consumed.
- Wrote the stored procedures behind its fleet reports, such as fuel consumption and distance driven, using complex T-SQL with loops and PIVOT, debugged by hand.
- Built front-end features with Angular, Kendo jQuery UI, and Backbone.js, moved existing .NET services to ASP.NET Core, and integrated Google Maps, push notifications, SMS, and Mailgun.
- Built ASP.NET MVC and Web Forms modules and Web API endpoints for Strictly FX (USA), an enterprise suite that runs shows, crew, logistics, and permits for a touring special-effects company.
- Maintained a C# Windows Forms desktop application, built Windows Services that extend a Microsoft Dynamics solution, and added PDF, CSV, and XLSX report exports.

Projects

BabyKeyBoardSmash github.com/mahfozmt/BabyKeyBoardSmashByMahfoz
Open-source, full-screen Bangla keyboard learning game for toddlers on Windows, built with .NET 8 and WPF.

Portfolio Website github.com/mahfozmt/mahfozmt.github.io
Personal site rebuilt with Angular 21 (standalone components, signals), 64 unit tests, and GitHub Actions deployment to GitHub Pages.

Doctor Appointment System github.com/mahfozmt/DoctorAppointmentAPI
Doctor directories, chamber slots, and patient bookings, built with an ASP.NET Core Web API and an Angular client.

Certifications



Microsoft Certified Professional (MCP) Nov 2020
Microsoft · Passed Exam 70-486: Developing ASP.NET MVC Web Applications (score 933)
MCID 990525782 · Verify on Credly



Full Stack ASP.NET Core (96 hours) Jun 2022 – Oct 2022
PencilBox Training Institute, Dhaka
Cert. No. FSTASP/009/003

Education

Professional Diploma in Enterprise Systems Analysis and Design (C#.NET) 2019 – 2020
IsDB-BISEW, Dhaka · 1,100 hours · C#, ASP.NET Web Forms, MVC and Core, SQL Server, Angular, UML

Professional Customer Service and Communicative English Speaking Nov 2018 – 2019
SEIP and BACCO programme · Digital Hub Bangladesh (220 hours) · WSDA, New Zealand (20 hours)

Bachelor of Arts (Honours) in Islamic Studies, National University, Bangladesh 2017