Md Keiuom Miah

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PROFESSIONAL SUMMARY

Software Engineer with 3.5+ years of experience in full stack web development using C#, Dot NET, and Angular. Proficient in microservice and monolithic architectures, with extensive backend experience in .NET Framework and .NET Core. I collaborated on a project with a USA based start-up firm and was aware of the AWS services including EC2, S3, SQS, SES, SNS ELB and others.

LANGUAGE, FRAMEWORK, TOOLS, AND OTHER SKILLS

- **Languages:** C#, Java, Python, JavaScript, Typescript.
- **Technologies:** ASP.NET, Dot Net Core, MVC, Razor Page, Web API, Rest API, GraphQL, nopCommerce, EF, EF Core, Dapper, Ado.net, AngularJS, Angular 8-18.
- **Databases:** MSSQL, PostgreSQL, DynamoDB, Redis.
- **Tools:** Git, TortoiseGit, GitFlow, GitHub, CI/CD, Docker, AWS (EC2, S3, SQS, SES, ELB, DynamoDB, SDK, CLI), Azure (Active Directory), Nginx, Jira, Trello, Auth0, IdentityServer4
- **Other:** DSA, Design Pattern, Design Principle, Clean Architecture, Microservice Architecture, Unit Testing, Integration Testing, BDD Testing, and Agile Methodology.

WORK EXPERIENCE

Full Stack Software Engineer   Dec 2024 - Current

Ausis Accommodation – Contractual

- **Developing** their new main website from scratch.
- Implemented **automated rent collection, work schedules management** and **payment** processing.
- Developed **multi-tenant architecture**, allowing different landlords to manage their properties.
- Created a **secure tenant application system** with document uploads and approvals.
- Built a **responsive UI** with Vue.js for an intuitive user experience.
- Integrated **role-based access control (RBAC)** for landlords, tenants, and admins.
- Designed and optimized **database schemas** for efficient data storage and retrieval.
- Ensured security with **data encryption, authentication (JWT/OAuth), and secure API endpoints**.
- Deployed the platform and maintained **continuous improvements and bug fixes**.

Software Engineer   *Mar 2023 - June 2024*

Wunderman Thompson Studio Dhaka – Banani, Dhaka 1217

- **Engineered scalable software solutions** for a marketing tool used by clients like Dell, Ford, Nestle, Colgate, NewsUK and Nespresso, improving workflow efficiency by 25% and enabling seamless collaboration on marketing designs, custom forms, HTML templates, email automation and AI tools integration.
- **Data migration** for internal user's profile history from xml format to Json format and gain overall 60% profile history page load performance.
- **Migrates components** from Dot Net frameworks to Dot Net Core & AngularJS to Angular-16 with new modern UI design (Dashboard & activity page) and increases overall performance by 40%.
- **Led team** to requirement analysis, task creation, task distribution, and task prioritization.
- **Replace session-based authentication** system and integrated JWT-based authentication system. Improved API performance 30% after introducing Redis caching and removed session state caching.
- **Documentation & feature presentation** for the client and the team.

Associate Software Engineer   Feb 2022 – Mar 2023

Streams Tech Ltd – Banani, Dhaka 1217

- **Led client communication** and requirements analysis for key projects, managing project timelines and delivering project features in a timely manner.
- **Gained hands-on experience** in enterprise-grade software development, microservice architecture & actively participating in the full SDLC lifecycle and working within Agile and Scrum methodologies, improving team collaboration and project execution.
- **Research & RND** on different technological topics and prepared details report for the client and the team.
- **Auth0 integration** for a prototype project and save development time by 30%.
- **Workday** API integration and data syncing in Workday.

- **Build a CI/CD pipeline** for deployment on multiple servers and save the manual deployment efforts and time
- **Used AG Grid** to show complex data properly and handle large datasets effectively without performance lags.
- **Designed and developed an AI-powered** cost management tool prototype from scratch for a start-up, serving as the deputy team leader for a USA-based marketplace, overseeing project delivery from concept to execution. [View Project](#)
- **Mentored** junior developers & closely collaborate with other developers and testers and boosting team productivity by 30% through targeted training and fostering a culture of continuous improvement and knowledge sharing.

Junior Software Engineer   Dec 2020 - Sep 2021

Astha IT, Dhaka 1217

- **Joined as a** Software Engineer (Intern) then promoted to Junior Software Engineer
- **Ecommerce app design & development** for a no.1 eCommerce company in Bangladesh using Flutter & Dart with proper design principles.
- **Map Box integration** is used to customize map data, enhance route optimization, and support offline maps for poor or no connectivity area.
- **Research & RND** and implement that knowledge on new features.
- **UI improvement** by using proper library and components, bug fixing and improved code quality.

SOFTWARE PROJECTS

Shenvi (Score predication tool based on food ingredients**)**

- It's an **AI tool** (web, app & browser extension) to predict a score and show whether the food is good for health or not based on food ingredients.
- In the browser extension version, when you visit a website (especially food) then extension automatically collects that food information and gives you warning. Personalize prediction results based on health & other information.
- Background service continuously collecting food related information from various sources. Kaggle & third-party dataset is used for demo purposes.
- **Tools:** Python, Dot Net 6, React, Contentful, MongoDB, AWS, MVVM Architecture, Netlify.

SpendPlan (Cost, budget, and predications tool for USA-based companies**)**

- Requirement analysis, project Setup, task distribution, new features development
- Live deployment in AWS and local server.
- Worked as a deputy team leader.
- **Tools**: Dot Net 6, Angular-16, PostgreSQL, MongoDB, AWS, Auth0, Clean Architecture

EDUCATION

Central Queensland University   **Sydney, Australia**

Masters in IT (Major in Software Design & Development).   Graduation Date: Feb 2026

Daffodil International University   **Dhaka, Bangladesh**

Bachelor of Software Engineering.   Graduation Date: Jun 2022

Training & Courses

- Data Fundamentals By [IBM](#)
- Cloud Computing Fundamentals By [IBM](#)
- Web Development Fundamentals By [IBM](#)
- Full Stack Asp.Net Core MVC Web Development *by [DevSkill](#) – Duration 6 months*
- 3 Months [Coding Bootcamp](#) by Astha IT.
- The Ultimate Full-stack .NET Developer Bundle by [Mosh Hamedani](#).

REFERENCES

Provided on request