Md. Fahim Khan
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• https://www.linkedin.com/in/im-fahim/ • https://imfahim.github.io/ (Portfolio)

Highlights

• Demonstrated success in designing system architecture, and setting up solutions.

• Proven expertise in developing and leading the implementation of complex software projects using .NET frameworks such as .NET Core, ASP.NET, and MVC.

• Designing and building scalable and highly available solutions on Azure using services such as Azure Functions, Azure App Service, Azure Logic App, and Azure Storage.

• Integrating Angular applications with back-end services, APIs, and databases using technologies such as RESTful APIs and JSON.

• Participating in the design and development of APIs and microservices to support modern application architectures.

• Experienced in the solution as a whole consisting of microservices and services from the Microsoft Azure ecosystem.

• Thorough understating and hands-on experience in the software development process.

• Monitoring DevOps process, including continuous integration and continuous deployment (CI/CD) pipelines, to improve software delivery speed and quality.

• Mentoring and coaching Junior Engineers to improve their technical skills and enhance their understanding of software engineering best practices.

• Collaborating with cross-functional teams, including product managers, designers, and other engineers, to deliver high-quality software solutions that meet business objectives.

• Experienced with domain-driven design, event-driven architecture, microservices architecture, and test-driven design.

• Conducted architecture reviews and code reviews to ensure the selected design is implemented correctly and consistently across the codebase.

• Visionary and critical thinker with excellent communication and problem-solving skills, and a commendable record of accomplishments.

• **Technology Skills:** .NET 6, ASP.NET Core, MVC, ASP.NET Zero, Entity Framework, ADO.NET, Windows Service, Swagger, Microservice, Web API, Razor, Blazor, MSSQL, Telerik, MS Test, MOQ, Application Insights, Identity 2.0, Internationalization, RDLC, Crystal Report, OWIN, nopCommerce, SiteCore, Salesforce, Umbraco, Okta, Mailjet, Angular, React, Webpack CLI, TypeScript, jQuery, Bootstrap, SCSS, GitHub, GitLab, MS Teams, Hubstaff, Jira, Trello, GSuite, Azure: DevOps, Pipeline, Logic App, Function, Storage, Queue, CosmosDB.

Education

• University of Windsor- Windsor, Ontario. **January 2023 – Present**
Master of Applied Computing.

• American International University of Bangladesh - Dhaka, Bangladesh. **May 2014 – April 2018**
Bachelor of Science, Computer Science, and Engineering (CSE).

Experience

Software Engineer II **September 2022 – February 2023**
WebCreek. The Woodlands, TX, USA (Remote)

• Worked on two projects simultaneously with 50-50 capacity as a full stack and core backend developer.

• Contributed to reporting module, defects/bugs, and delivered the new web version of desktop software which is running since 1989.

• Worked on the project with a huge team of 50 people from all around the world.

• Assisted the Tech Lead with code review and task split-ups.

• Was in charge of delivering sub-modules with sub-teams consisting of Junior developers.

• Designed and coded new features on the organization's management software along with bug fixing as the only developer assigned to the project to work with the Project Manager and CEO.

Senior Software Engineer **July 2022 – August 2022**
Software Engineer **July 2020 – June 2022**

Associate Software Engineer   August 2019 – June 2020
Brain Station 23, Dhaka, Bangladesh
• Analyzed requirements and the system to identify the problem and design solutions.
• Wrote multiple solution descriptions of work packages for the development team.
• Collaborated with overseas teams from Norway, Sweden, and Cyprus as their global team partner.
• Using modeling techniques such as UML, class diagrams, or flow charts to describe the behavior and interactions of the system.
• Maintained and wrote unit tests, and integration tests to make the system stable and exception-proof.
• Completed detailed programming and development tasks for back-end and sometimes front-end as well.
• Worked in a scrum team to achieve sprint goals as a backend developer initially and was promoted to tech lead later on.
• Supported and guided junior developers/new hires.
• Took technical interviews as a part of the hiring process.

Jr. Software Engineer   October 2018 – July 2019
Mindfork Tech LTD, Dhaka, Bangladesh
• Worked with the senior developer to manage large, complex design projects for corporate clients
• Delivered an evaluation solution for Bangladesh National Police Department.
• Wrote complex queries and reusable libraries.
• Analyzed Database specifications and simplify them.
• Designed Reports in Crystal, RDLC, and Js.

Web Developer (Intern)   January 2018 – March 2018
Tamana, New Delhi, India
• Designed responsive websites and web application user interfaces.
• Developed 3 small projects for the client with a team of 5 members.
• Contributed to front-end and some back-end development.
• Training clients to use panels

Accomplishments

 • Contributed to the development of software products or services that drove revenue growth or improved customer satisfaction, resulting in 30% increased in hiring for the client's development team.
• Reduced software delivery time by 50% through the implementation of the CI/CD pipelines and improved quality by 40% through the implementation of code reviews and automated testing in the CI/CD pipeline.
• Reduced operating cost by 20% and increased operational efficiency through the implementation of automated testing and deployment, and other automation resulting in faster response times and fewer resources needed for manual tasks.
• Promoted to a higher position by the client development team because of outstanding performance in "Techstep Lifecycle" project, which increased company's revenue by 15%.
• Developed and delivered an eCommerce solution with minimal resources, that was under budget by 20% and resulted in a 30% increase in profit margin.
• Delivered a solution for a local police department which was later proposed to implement on the national level, resulting in potential future revenue growth.
• Participated in the development of new software products or service offerings, and identified- opportunities for innovation and differentiation that lead to new revenue streams.
• Collaborated with cross-functional teams, such as sales, marketing, and product management, to align software development with business objectives, customer needs and improved the collaboration by implementing agile methodology.
• Maintained strong relationships with external partners, vendors, or customers, resulting in increased opportunities for collaboration and business growth.
• Successfully led a team of junior developers to deliver a complex project, School ERP, on time and within budget.
• Played a key role in the successful migration of "SoftbaseV3" desktop version, a legacy system to "SoftbaseV4", a modern platform, web version with multi-tenant feature resulting in improved performance and cost savings.
• Designed Sand developed a new feature that significantly improved the user experience and received position feedback from clients.
• Drove the adoption of new technologies or software engineering practices that increase the company's competitiveness or reduce time-to-market, resulting in increased customer satisfaction and revenue growth.
• Recognized by the company for outstanding contribution to software development that result in increased revenue and increased 30% user acquisition.