

Farzana Akter

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FULL-STACK SOFTWARE DEVELOPER

HIGHLIGHTS OF QUALIFICATIONS

- Over 10 years of experience in full-stack software development, specializing in .NET.
- Proficient in the end-to-end development process, including designing, coding, testing, implementing, and maintaining high-quality desktop and web applications.
- Strong backend development skills, particularly in C# and various databases, with a focus on MS SQL.
- Proven leadership in cross-functional teams, applying Agile and hybrid methodologies throughout the project lifecycle.
- Successfully developed and implemented a complex solution that integrates two domains, creating a unified project and user-friendly interface for both microcredit and banking.
- Demonstrated effectiveness as an implementation project manager, overseeing the successful deployment of the solution to over 50,000 clients across six countries.

TECHNICAL SKILLS

Operating Systems	: MacOS, Windows, Linux
Programming Languages & Frameworks	: C#, .Net, Java, Spring, ASP.NET Core, MVC
Front-end design technologies	: JavaScript, jQuery, HTML, CSS, Bootstrap, Angular, Entity Frameworks
Database Systems	: MS SQL Server, MySQL
Software Testing	: Manual and Automated Testing (Automation testing tools)
Defect Tracking Tools	: Jira with Confluence, Bugzilla
Version Control Software	: Git, Subversion (SVN), TFS
Development Methodologies	: Agile (Scrum, Kanban), Waterfall
Others	: IntelliJ Idea, Visual Studio, Docker, SDLC, DevOps, Microsoft Azure, SOLID

RELEVANT WORK EXPERIENCE

Sr. Software Engineer (Remote) - Southtech Limited (Technology Company) Mar 2020-Feb 2023
(Micro Credit & Banking Solutions, Mobile Applications - collection and repayment through smart devices, OTM (Cloud Based Online Training Module))

Technology Stack: C# .Net, Visual Studio, Java, Spring, JavaScript, Angular, UI Path, MS SQL Server, Git, SVN, Azure

- Collaborated with cross-functional teams to gather business requirements and performed software product development from the ideation to deployment.
- Broke down requirements into actionable tasks, estimated cost and time, prioritized work, and managed resource allocation to meet tight deadlines while optimizing resource utilization within time constraints.
- Developed automated data migration tools and techniques for migrating client data from legacy systems to web applications using **RPA (UI Path), C#, and MS SQL**.
- Performed analyzing and debugging new and existing software applications and its performance issues as well as its backend functionality and provided necessary solutions.
- Identified software problems, performed root cause analysis, determined possible solution options, and made necessary code modifications for new and existing applications, and provided new releases, database support queries, and software patches as resolutions.
- Performed QA role for validating requirements, along with testing, identifying, and resolving bugs of new and existing applications, and documenting them in Jira and Bugzilla.
- Participated actively with implementation team to implement web-based financial solutions successfully across 4 foreign clients and 6 local clients, approximately 50,000 customers were onboarded into new systems through these migrations.

- Achieved a 60% reduction in data migration time through automation tools, boosting client satisfaction and company growth.
- Designed and implemented data correction SQL queries and scripts.
- Used Hybrid and Agile framework to implement solutions effectively.
- Prepared documentation for production environment, including configuration and setup information, user manuals, operational procedures/manuals, and other project documents.
- Prepared project management technical and business documentation, maintained risks and issues register and mitigated the risks and issues by consulting with relevant stakeholders.
- Provided on-call support/emergency support for client inquiries and necessary solutions through e-mail, phone calls, or online chat.

Software Engineer - Southtech Limited (Technology Company)

Sep 2013-Feb 2020

(CRM-Customer Relationship Management, Education Systems, Micro-Credit and Banking Solutions, HR Solution)

Technology Stack: C#, Visual Studio, Java, Spring, JavaScript, MS SQL Server, Team Foundation Server, SVN

- Worked with a cross-functional team of 30 to deliver quality solutions to clients.
- Performed various types of system design to model and visualize web solutions using UML in Enterprise Architect, including Class Diagrams, Use Case Diagrams, Sequence Diagrams, Activity Diagrams, Component Diagrams, Deployment Diagrams and State Machine Diagrams.
- Performed coding for various software applications with **C# and Java, along JavaScript, CSS, and SQL.**
- Performed various testing, including Unit testing, System testing, and Integration testing, using Junit and manual testing approaches.
- Identified and proposed software architecture and design patterns to add features and suggest required changes to enhance software applications throughout the software development life cycle.
- Created scalable and efficient scripts to provide continuous support to clients, including data retrieval and manipulation, stored Procedure preparation, and data support scripts Preparation.
- Applied Software Development methodologies with Agile and Waterfall models.

Programmer - Southtech Limited (Technology Company)

June 2012- August 2013

(Reporting Solutions, Service packages)

Technology Stack: C#, MS SQL Server, PHP, MySQL, Team Foundation Server

- Designed and developed software applications using C#, PHP and SQL.
- Collaborated with cross-functional teams to gather and analyze business requirements.
- Identified software defects by performing testing and resolved the defects.

EDUCATION AND CERTIFICATIONS

Full stack .Net Cloud Developer Bridging Program, Humber College, On

Sep 2023 to Feb 2024

Master of Science, Software Engineering, Independent University, Bangladesh

April 2019

(Assessed by the University of Toronto CES as equivalent to a Master's degree in Canada)

Bachelor of Science, Computer Science and Engineering, Khulna University

(Credential assessed by WES and is Canadian equivalent)

July 2009

Certificate of Completion, DevOps Foundations: CI/CD, LinkedIn Learning

June 2023

Certificate of Completion, Training on Jira and Confluence Software, tksedu.net

Dec 2022

Certificate of Completion, Learning Asp.net Core MVC, LinkedIn Learning

Nov 2023