MD Arafat Hossain

Location: Queens, NY| Email: hossn75@gmail.com | Ph: (631) 552-8120 | Portfolio

Summary

- **Almost 4 years** of experience in web development as an **Application Developer** with experience in the Software **Development Life Cycle** Software analysis, design, architecture, development, design, and integration
- Understanding of designing applications utilizing **HTML5**, **CSS3**, **JavaScript,** as well as knowledge of backend languages such as **C#** and **ASP.NET Core**.
- Experience as a UI developer designing front-end applications with **MVC applications.** Proficient in developing Single Page Applications (**SPA**) using **React.JS**
- Designed client-side apps and user-interactive web pages using web technologies such as **React.JS**, and **HTML5**
- Experienced in developing and designing userfriendly, crossbrowser compliant web sites and User Interface (UI) applications using **HTML**, **CSS**, **JavaScript**, **React.JS**
- Having good working knowledge with **Microsoft SQL Server with Entity Framework** and **NoSQL** databases like **MySQL** and **MongoDB**.
- Involved with the bug tracking tool **Jira** about finding bugs and fixing them.
- Extensively used **Git** for version controlling and regularly pushed the code to **GitHub.**
- Self-motivated and a fast learner with the ability to work in challenging environments.
- Committed to the total development of lifecycle, the maintenance of code quality and bug-free applications is of the utmost importance.
- Expert in leveraging the latest software tools to optimize data storage, e-commerce functionality, and fluidity across mobile platforms.
- Strong analytical and problem-solving skills and a proven ability to be an effective team player with excellent time management skills.

Skills

Languages:	C#, Java, Python and SQL, C++
Frameworks:	ASP.NET CORE, Bootstrap, React.JS and Firebase, Mulesoft
Databases:	Microsoft SQL Server, MySQL and MongoDB, Oracle
Tools:	Jupyter Notebook, Virtual Machine, Ubuntu, Visual Studio Code, IntelliJ IDEA, DrRacket, Git, GitHub, Bitbucket and Jira, Agentic AI
Methodologies:	Agile, Scrum Master
Operating System:	Windows, Linux and Mac OS

Education

Bachelor of Science in Computer Science | May 2022
The City College of New York, NY

Certifications

Certified Scrum Master (CSM)   04/10/2025 – 04/10/2027

https://bcert.me/srpazkmce

Experience

Accenture, NY
Custom Software Engineering Analyst (Fulltime) | Jun 2024 – Present
- Led multiple Agile teams in delivering high-quality software products through Scrum practices, ensuring on-time and within-scope project delivery.
- Facilitated all Scrum ceremonies including daily stand-ups, sprint planning, backlog grooming, sprint reviews, and retrospectives.
- Acted as a servant leader and coach to foster continuous improvement, collaboration, and high team morale.

- Collaborated closely with Product Owners to maintain and prioritize product backlogs for clear and actionable user stories.
- Identified and removed impediments to optimize team productivity and delivery.
- Promoted Agile best practices across teams and mentored junior Scrum Masters in Agile methodologies.
- Supported organization-wide Agile transformation initiatives, contributing to improved team alignment and delivery efficiency.

L3Harris Technologies, Florida
Application Development (Full-time) | June 2022 – June 2024
- Design, develop and tests **HTML**, **CSS**, **Bootstrap**, **JavaScript** and **React.JS** that meets accessibility and web browser standards for website
- Developed client-side validation code using **JavaScript**
- Managed website calendar and events database using **HTML**, **CSS** and **Python**
- Used **JavaScript** to implement marketing tools to improve websites' performance
- Architected and developed for large scale **JavaScript** application with **React.JS**
- Developed user interface by using React.JS, Flux for **SPA** development
- Used **React.JS** for creating reusable UI components (multi-field form elements, background file uploads)
- Worked on databases in **MongoDB** and **SQL**
- Experience in working **Git** for branching, tagging, and merging

Projects

• **Kindwave - Humanitarian Donation Platform:**
- Built full-stack web application using FastAPI, React/TypeScript, PostgreSQL, and Stripe integration with JWT authentication and real-time crisis feed from ReliefWeb API.
- **Implemented secure payment system** with privacy-first architecture, supporting one-time and recurring donations with encrypted data handling and comprehensive transaction tracking
- **Architected enterprise security** including bcrypt hashing, JWT tokens, CORS protection, rate limiting, and AWS Secrets Manager for credential management
- **Designed scalable AWS infrastructure** using ECS/Fargate, RDS, ElastiCache Redis, S3/CloudFront with clean architecture and separation of concerns
- **Developed admin dashboard** with real-time analytics, user management, and SQLAlchemy ORM with mobile-responsive UI using Tailwind CSS

DevOps Event Ingestion & Analytics Platform | August 2025
- Designed a centralized **Kafka-based DevOps event ingestion platform** integrating Jira, GitLab, Jenkins, JFrog, and ServiceNow.
- Standardized SDLC event flow by defining Kafka topics across planning, CI/CD, and production deployment stages.
- Enabled CI/CD observability and delivery analytics by streaming events into **Snowflake** with dashboards in **Tableau and Power BI**.
- Leveraged **Agentic AI–assisted coding** to accelerate connector development and automation after completing required **Agentic AI training**.

Personal Portfolio Website | April 2024
- Developed a personal portfolio website to showcase professional background, skills, and projects in a centralized platform.
- Built a responsive front-end using React and Bootstrap for an optimized user experience across devices.
- Implemented the back end using Node.js and Express to manage routing and server-side logic.
- Deployed and maintained the application with a focus on performance and usability.

Food Nation Website | June 2022
- Developed a web application using **React.js, Material UI, and Firebase** to connect restaurants with charity organizations and individuals.
- Enabled restaurants to donate unsold food instead of discarding it, supporting food redistribution and waste reduction.
- Improved restaurant public relations by promoting social responsibility through food donations.
- Deployed the application on **Heroku**, ensuring accessibility and reliable performance.