# Muhammad Shahryar

muhammadshahryar135@gmail.com   |   0301-2620841

www.linkedin.com/in/shahryar123   |   www.github.com/Shahryar123   |   findShahryar.com

## Education

**National University of Computer & Emerging Sciences (FAST)**
*Bachelors in Computer Science*                                                                      *(Aug,2017 - June,2021)*

## Experience

**IQTech Solutions, London UK (Remote)**                                               *(August,2024 - Present)*
- Designed and implemented infrastructure as code (IaC) solutions using Pulumi in a .NET Core environment, managing multiple pipelines and automating deployments with Microsoft Azure DevOps.
- Developed an automated testing framework using Playwright to validate Azure resources retrieved via Azure SDK and Microsoft Graph API.

**Software Digital, Karachi**                                                                           *(July,2024 - Jan,2025)*
- Developed middleware solutions using .NET C# for SAP Qualtrics and provided direct client support to notable organizations, including Ooredoo and Etisalat.

**BrainCrop Solutions. Karachi**                                                                   *(May,2023 - July,2024)*
- Develop web applications using ASP.NET Core .NET 8 and SQL, enhancing efficiency with micro-services.
- Improve scalability and performance by deploying Docker for seamless application management.
- Apply domain-driven design and CLEAN architecture, reducing code-base complexity by 25%.
- Create and integrated Crystal Reports for comprehensive data analysis and reporting.

**Innovative Pvt. Ltd. Karachi**                                                                    *(Aug,2021 - June,2022)*
- Created and supported web applications ensuring high performance and reliability.
- Participated in architecture, design and implementation of back-end features using C#, .NET and Database
- Reviewed project specifications and designed technology solutions that met or exceeded performance expectations, resulting in a 20% improvement in system efficiency.

## Certificates

JavaScript Algorithms and Data Structures , *freeCodeCamp*                           *(November,2023)*
Introduction to Salesforce CRM , 10PearlsUniversity                                         *(February,2023)*
Git Versioning , DataCamp                                                                                       *(June,2020)*
AWS Fundamentals: Going Cloud-Native , Coursera                                             *(April,2020)*

## Projects

**Reporting Module** | Crystal Reports, C#, SQL, Oracle
- Implemented email notifications using Mailgun to send reports to respective users after 24 hours.
- Configured event-based report generation for critical events such as ATM outages and downtime.
- Ensured seamless integration with database systems  for data retrieval and report generation.

**Service Monitoring Agent** | ASP.NET, C# , SQL
- Implemented automatic restart of services if they are found to be not running.
- Stopped services and sent notifications if they failed to restart.
- Enhanced system reliability by automating service health checks and notifications.

## Technical Skills

- **Languages:** C#, C++, JavaScript
- **Frameworks and Tools:** ASP.NET Core, MVC, .NET 8, Node, Azure, Git, Docker, Crystal Reports
- **Database Management:** SQL, Oracle, MongoDB
- **Architecture and Design Patterns:** Microservices, Clean Architecture, CQRS, Repository Pattern