

# ABDUL MOIZ

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## FULL STACK DOT NET DEVELOPER

Proficient software engineer with 4 years of experience delivering enterprise-level web applications using .NET and React in Agile environments. Played a key role in enhancing the performance and scalability of logistics platforms like GlobalPost and ShipStation for Auctane, a US-based client. Expertise spans the full SDLC, including requirements gathering, designing scalable architectures, modernizing legacy systems, and developing robust solutions with C#, ASP.NET, JavaScript, MS SQL, DynamoDB, and Azure.

Problem-solving • Performance Optimization • Scalability Improvement • Agile Methodologies  
Microservices Architecture • Code Quality Improvement • Cross-Functional Collaboration  
Object-Oriented Programming (OOP) • API Integration • Strategic Thinking

**Languages:** C#, JavaScript, SQL

**Web:** HTML, CSS, ReactJS, NodeJS, Redux, Bootstrap, Tailwind CSS, MaterialUI, Flowbite, Ant Design

**Web Services:** REST API, SOAP

**Web/App Servers:** Internet Information Services (IIS)

**Frameworks:** .Net, .Net Core, .Net Framework, ASP.NET

**Databases:** MySQL, MS SQL, DynamoDB, MongoDB, Microsoft Azure SQL Database

**Design Patterns:** Singleton, Factory, Decorator, Observer

**SDLC:** Agile

**Tools:** Visual Studio, VS Code, MS SQL Server, S3 Browser, Git, New Relic, Docker, MQTT, Jira, Postman, Veracode, Confluence, IntelliJ, Data Bricks, Splunk

**Platforms:** Windows, Azure, Amazon Web Services (AWS)

## PROFESSIONAL EXPERIENCE

**CAREER NOTE:** Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

### BARITECHSOL, Karachi, Pakistan • 01/2022 – 04/2024

A software development company that offers tailored solutions for businesses, focusing on custom software development, cloud integration, and database management.

#### Software Developer (07/2023 – 04/2024)

Developed full-stack web applications using .NET and React, collaborating with cross-functional teams to deliver high-quality software solutions and ensuring application stability and performance.

- Optimized a cost rate microservice using LSP, Factory and Template design patterns, refactored SQL into stored procedures, reduced load times by 20%, and enabled seamless rate integration.
- Designed a shipment tracking microservice with MSSQL-to-DynamoDB migration and IMemoryCache for in-memory caching, optimizing data retrieval, reducing database load, and improving tracking performance.
- Developed an API gateway connecting Amazon Tracking API with GlobalPost Tracking, enabling seamless data exchange, real-time tracking, and improved accuracy, enhancing operational efficiency and response speed.
- Integrated USPS and Stamps.com into various products to enhance shipment capabilities, streamline logistics processes, improve data synchronization, and provide users with reliable, comprehensive solutions.
- Migrated the GlobalPost Portal from React 16.x (Class components) to React 18 (Hooks), enhancing code maintainability, performance, scalability, and user experience while reducing future development complexity.
- Implemented MQTT into a microservice for real-time push notifications, ensuring timely communication, enhancing user engagement, and fostering a more interactive and responsive experience.

#### Associate Backend Software Developer (01/2022 – 07/2023)

- Designed front-end components for the Backend Team Portal using React, enhancing user engagement and resulting in a 25% increase in user satisfaction ratings.
- Migrated a legacy application to .NET 6, improving system performance, maintainability, and scalability for better user experience and reduced downtime.

- Built the Global Post Platform from scratch using .NET and React, streamlining logistics processes and introducing a more efficient shipping experience for users.
- Integrated authorization mechanisms by creating a role-based access control (RBAC) module using ASP.NET Core, ensuring secure access and enhancing application security.
- Developed RESTful APIs for the Shipping Management System using .NET Core, facilitating smooth communication between services and improving operational efficiency by 20%.
- Collaborated with cross-functional teams to refactor and optimize the Shipping Dashboard using React, reducing load times by 30% and improving overall user experience.

**Technologies Used:** .Net, SQL, React.js, Dynamo DB, Git, Veracode, Amazon S3, Jira, Confluence, Azure, Docker, Microsoft Access, MQTT, Visual Studio, Slack, New Relic.

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## INDEPENDENT CONTRACTOR EXPERIENCE

### Freelance Platforms • 09/2019 – 01/2022

Platforms such as Fiverr and Upwork, which offer independent contract projects.

#### Software Developer (Remote)

- Engineered a standalone Windows app for Jacobs Law Firm using C#, React JS, Crystal Reports, and MS SQL to streamline case management and boost productivity.
- Built prediction and optimization software for Sifar Optics with C# and Excel Data Reader, enhancing data analysis and camera lens production processes.
- Created a datasheet generator for FinLight using .Net, streamlining the creation of financial documents and boosting efficiency in data processing and report generation.
- Designed a custom software solution to transform Excel data into Zebra Programming Language (ZPL) invoices, leveraging .Net to optimize invoice generation and ensure precise data handling.
- Developed a customer-facing app for Konveka to recommend optimal thermostats, convectors, and fan coils based on user inputs and product specs, improving customer experience.
- Implemented YourCO2, an application to monitor carbon emissions and provide actionable insights from users' electricity bills, aiding in reducing their carbon footprint and lowering costs.

**Technologies Used:** WinForms, Entity Framework, Google Cloud Platform, WinForm, MSSQL Server, Windows Server, Language Integrated Query (LINQ), .Net, SAP Crystal Report.

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## ACADEMIC PROJECTS

### Maharishi International University (2024)

- **[Azure-DataPulse-Real-Time-Big-Data-Processing-Visualization](#):** This project showcases real-time data processing using cloud and big data technologies. Contributions include developing Dockerized Spark Streaming jobs, configuring Azure Data Lake for seamless data flow, automating data merging with Azure Data Factory, and deploying Spark SQL queries in Azure Synapse for insights. Designed Power BI reports to deliver impactful visualizations for stakeholders. **Tech Stack:** Python, Docker, Spark Streaming, PySpark, Azure Data Lake, Data Factory, Synapse, Storage, Power BI.
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## EDUCATION

### Master of Science in Computer Science

*(In progress via distance education; expected completion 12/2026)*

Maharishi International University, Fairfield, Iowa

### Bachelor of Science in Computer Science

University of Karachi, Karachi, Sindh (12/2021)

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## CERTIFICATIONS

[Microsoft Certified: Azure Fundamentals](#)

[Microsoft Certified: Foundational C#](#)