

# MUHAMMAD ABUBAKAR

FULL STACK .NET DEVELOPER

TWILIO DEVELOPER

EXPERIENCE: 1.5 YEARS

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## CERTIFICATIONS

### Fundamentals ScrumMaster | [scrumstudy](#)

foundational understanding of the Scrum framework, including its application in successful project delivery.

### Certified Twilio Developer | [Translation Empire](#) (Internal Training)

Complete Twilio Development for build and deploy custom communication solutions using Twilio's APIs for voice, messaging, video, and authentication. It empowers developers to integrate scalable, real-time communication features into apps, websites, and services.

## WORK EXPERIENCE

### 2024 - PRESENT

[Translation Empire](#) | Sector F Near Shaheen Chowk, Bahria Town Phase 7, Islamabad, Rawalpindi, 46000

#### Jr .NET Developer | Twilio Developer

- Responsible for designing, developing, and maintaining web applications and systems. I work closely with internal teams to produce robust, scalable, and high-quality software solutions.
- Develop database functionality and communication structure for web applications and APIs
- Deployment and implementation and collaboration with Quality Assurance Team.
- Design and building application layers.
- Projects : ATS, Schedule Web Calling(call center)-Operator Based, Video Web Calling (call center)-Operator Based. Whatsapp Automation Solution**

### March 2024 - June 2024

[Nibras Sols](#) | Remotely In United Kingdom

#### .NET Developer

- Integrated third-party APIs to enhance overall application functionality and improve user experience.
- Demonstrated strong problem-solving abilities by quickly identifying and resolving defects, leading to increased application stability and user satisfaction.
- Conducted thorough code reviews to maintain high standards of quality and consistency throughout the project lifecycle.

## EDUCATION

2019 - 2023

### [University of Agriculture Faisalabad \(UAF\)](#)

- Bachelor in Computer Science

#### Final Year Reserach

**EEG classification** for brain activity tracking involves analyzing electrical **brain signals** to **detect patterns associated with mental states, diseases, or cognitive functions** for applications like neurofeedback, medical diagnostics, or brain-computer interfaces.

## TECHNICAL SKILLS

- |                          |                              |
|--------------------------|------------------------------|
| • C# Programming         | • ASP.NET Core               |
| • Twilio API Integration | • SQL Server                 |
| • RESTful APIs           | • Azure                      |
| • Git/GitHub             | • Entity Framework           |
| • Angular/React          | • Microservices Architecture |

## TWILIO DEVELOPEMET

1) **Web Calling Solution (Call Center Solution)**  
telephone and web calling combination developement for company -[Translation Empire](#)

2) **Web Video Calling Solution (Call Center Solution)**

audio and video calling solution Operator Based Solution for company-[Translation Empire](#)

3) **Customize Whatsapp Web | Whatsapp Automation | Bulk Sending | Twilio Conversation API**

Fully customize WhatsApp solution for internal external communication including bulk sending and campaign generator for marketing automation for company-[Translation Empire](#)

## February 2024 - June 2024

**LumenSoft Technologies** | 116, J2 Block Johar Town, Lahore

### .NET Developer - Intern

- Part of LumenSoft TOP (Talent onboarding program)
- Assisted senior developers with critical problem-solving tasks involving complex code structures when necessary.
- Interacted with other software developers, customers and stakeholders.
- Enhanced user experience by designing and implementing intuitive user interfaces for web applications.
- **Project : POS Application(Complete Retail Solution), Nimbus Retail Software**

## JAN 2023 - March 2023

**Gid Sols** | Sargodha

### .NET Developer

- Collaborated with team members to design, develop, and launch a user-friendly software product.
- Worked with developers to identify and remove software bugs.
- Optimized code performance by identifying bottlenecks and refactoring for improved efficiency.
- **Project : Desktop Based ERP conversation in Web Based Solution**

## Additional Information

Currently | **Translation Empire**

### Twilio Developer

- Developed and maintained .NET-based applications for translation services.
- Integrated Twilio APIs for SMS, voice, and chat functionalities to enhance communication workflows.
- Collaborated with cross-functional teams to deliver scalable and efficient solutions.
- Participated in internal Twilio training programs to stay updated on the latest features and best practices.

## Open Source Contribution

**Bonobo Git Server - Git Server for Windows**  
**An Self Hosted Git Server on IIS for windows**

- Improved UI
- Add Open AI
- Add Open AI Telemetry

## HACKATHONES

### Semantic Search AI | **Cohere Ai**

Dec 2022 by **LABLAB.AI**

Our team got 3rd position in this one week long competition and we deployed tool named **Semanto tube**.

### AI21 Labs Hackathon | **AI21 Labs**

Dec 2022 by **LABLAB.AI**

Access AI21 Labs' state-of-the-art language models to build innovative applications

## TRAINING SELF LEARNING

1) Fundamentals Kubernetes Certification, CKAD/CKA/CKS - Cloud Native Computing Foundation.

2) Fundamentals AWS Certified Developer - Associate - Amazon Web Services (AWS).

3) Fundamentals Docker Certified Associate (DCA) - Docker.

## CREATIVE WORKING EXPERIENCE AI BASED PROJECT

### 1) **SemantoTube** Web Application

- SemantoTube makes it easy to find the information you need in YouTube video transcripts, with advanced semantic search capabilities
- Find exactly what you're looking for in YouTube videos with SemantoTube's advanced search.

### 2) **AI-Powered Chatbot using .NET Core & Open AI**

- Real-time chat with NLP-powered responses.
- Open AI integration for smart replies.
- SignalR for real-time messaging.