



# Maaz Khan

Software Engineer

## Profile

My mission is to work with an organization, which provides me various opportunities to explore new technologies and values my contribution.

## Employment History

### Associate Consultant -ERP at Systems Limited, Karachi Pakistan

Feb, 2022 – Present

I am currently working on Microsoft Dynamics 365 Enterprise Resource Planning. I interact with different clients of D365 from around the globe. My responsibility includes technical business consultation to design and develop custom D365 solution including forms classes, batch jobs and SSRS reports in addition I work on customization of existing solutions, bug fixing, development of custom services to consume and save data to and from D365 F&O through APIs.

### Associate Backend Developer at BariTechSol, Karachi Pakistan

May, 2021 - Jan, 2022

My primary role as a software developer was to integrate carrier third-party web services and rest API with the legacy system using different frameworks of .NET, also developed unit tests of each of the new implemented service to ensure developed functionality. In addition, I performed software performance tests and dealt with any issues that arose in accordance with the specifications. Bitbucket was used to create and maintain the code repositories. Moreover, designed and maintained the technical documents.

### Internship-Software Developer at CS-Clinic, Karachi Pakistan

Jan, 2019 - Jan, 2020

This internship taught me industry standards in software development, understanding Agile methodology, enhanced my skill set, and educated me about the professional development strategies. I used C# and MS-SQL to create a POS application for a local restaurant, and I completed the entire development cycle, including client meetings, data gathering, and document design, before developing and deploying the application.

## Education

### NED University of Engineering and Technology, Pakistan Bachelors in Computer Science

Oct, 2017 - Aug, 2021

I studied the theoretical background of information and computing with a practical approach to computation and its applications.

### Govt. Collage for Men, Pakistan Higher Education in Computer Science

Aug, 2015 - Jul, 2017

During the Higher education I was taught the early years of computers and technology along with the generations and basic programming using C language.



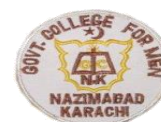
[systemsLtd.pk](https://systemsLtd.pk)



[baritechsol.pk](https://baritechsol.pk)



[neduet.edu.pk](https://neduet.edu.pk)



[CollegeforMen.p](https://CollegeforMen.pk)

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## Details

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## Find me at

**LinkedIn:**

<https://www.linkedin.com/in/immaazkhan>

**GitHub:**

<https://github.com/maazk9119>

**Twitter:**

<https://twitter.com/maazk9119>

**Profile:**

<https://maazk9119.github.io/>

## Skills:

### Programming Languages:

C, C#, Python, X++

**Backend:** ASP.NET MVC, ASP

.NET Core, Web API, Design Patterns, SOLID-Principles

**Databases:** MS-SQL, Oracle

**Front-end:** HTML, CSS, React(Basic)

**Version Controlling:** GitHub, Bitbucket

**DevOps:** Docker, Containerization, Okteto

**Testing:** Unit Testing, System integration testing, smoke testing

## Languages:

- Urdu Native
- English Advance
- German Basic

## Open-Source Contribution

### Parbat (Open-Source ERP)

Feb, 2021 - Present

The objective of Parbat is to provide comprehensive campus management solution integrated with LMS and other modules which is rare in the open-source world.

At Parbat, I work as a backend lead, and my responsibilities include building and managing all backend services, such as architecture design, database design, and testing the developed services.



[parbat.pk](https://parbat.pk)

## Achievements:

- 8<sup>th</sup> Position in Bachelors
- Served as Chairperson of IEEE CS (UIT) (2019 – 2020)

## Hobbies:

- Exploring Latest Technologies
- Video Gaming
- Cricket

## Projects

### Pay per Call Function as Service (FYP)

Nov, 2020 - Aug, 2021

The project was based on serverless computing. The main idea was to save time and reduce the cost of API. We had designed the application on ASP.NET Core MVC and the backend architecture was based on Fission, open-source Serverless Functions as a Service for Kubernetes.

### Analysis of Different Algorithms

Jan, 2020 - Jan, 2020

I implemented various sorting algorithms and tested their growth and efficiency on multiple data sets of various sizes, using Python and its libraries for plotting graphs and other functions,

### Inventory Management System

July, 2019 - Nov, 2019

I gathered requirements, spoke with stakeholders, and implemented the solution as needed for an inventory management system for a shop using C# and MS-SQL. The main purpose of this project was to manage availability of inventory, daily and monthly reporting of the shop.

## Certification

- MB-500: Microsoft Dynamics365: Finance and Operations Apps Dev
- MB-300: Microsoft Dynamics365: Core Finance and Operation
- CCNA Trained from Usman Institute of Technology

## Article

- An article about the SOLID Principles in OOAD, in which I explained the principles and provided examples, as well as highlighted the typical development mistakes and ways to avoid them. The article can be found here: [Article](#)

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