



# Waleed Umer

Software Engineer

Tech enthusiast on a mission to engineer innovation. Eager to learn new Tech.

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## EDUCATION

### BS Computer Science

Federal Urdu University, Islamabad

08/2021 - Present

3.7 CGPA

## WORK EXPERIENCE

### Web developer/Intern

Crogix Technologies

06/2023 - 12/2024

Islamabad

Achievements/Tasks

- Developed different modules of ERP system developed for GBRSP based on ASP.NET CORE MVC, SQL Server, JQuery, HTML and CSS.
- Developed Python TCP server script hosted on AWS virtual machine which communicated with real time GPS tracker, which then stored real time positional data i.e. longitude and latitude in DB. Async IO and Postgres were used in the Project.
- Worked on booking application. My contribution in the project was a client side Calendar (based on react-big-calendar) for bookings in React and developed API in express for it.

## SKILLS

C#

JavaScript

Python

ASP.NET CORE

MVC

WEB API

WinForms

SQL Server

React

Next.js

Express

Java Swing

Linux

Bootstrap

Tailwind CSS

Git

## PERSONAL PROJECTS

### Mini LMS

- Online learning platform. Developed student, instructor and administrator modules.
- **Tool and Technologies** used are Express, Next.js, Next Auth, and MongoDB

### Blogging website

- Developed Blogging website as my semester project using ASP.NET Core MVC, SQL Server, JQuery and Bootstrap.

### Employee Management System (EMS)

- I developed EMS as my side project for learning C# ASP.NET CORE MVC. Overall, the project consisted of 4 forms. I utilized ASP.NET CORE identity for Authentication and Authorization. Reporting using HTML to PDF.

### Java Swing Student Record Keeper

- Built Student record keeper desktop app which uses Java swing GUI and Oracle SQL DB for data storage. It was my second semester project.

### Digital Marketplace

- Digital marketplace in Next.js. The application consisted of seller, buyer and administrator modules. Integrated stripe as payment method.

### Facial Recognition (AI Project)

- Developed Facial recognition console app using python as my semester project.

## FINAL YEAR PROJECT

### Admissions management system for FUUAST, Islamabad

Currently, developing admissions management system for my university. Tools and Tech used are .NET 8 web API and Next.js client app.

## CERTIFICATES

### Cloud Computing (07/2022 - 09/2022)

PSEB Academia IT Industry bridge Program 2022 03 Months.