

# MUHAMMAD USAMA

Lahore · +923314477340

[musamaahsan@gmail.com](mailto:musamaahsan@gmail.com) · [LinkedIn: muhammad-usama-ahsan-ba8425132](https://www.linkedin.com/in/muhammad-usama-ahsan-ba8425132)

Senior Full Stack Developer working in the computer software industry for 3 years. Skilled in Web Development and .Net Applications. Currently working with IoT Department of Edraak Systems where we perform advanced analytics on data received from live machines.

## EDUCATION

2014-2018

**BS COMPUTER SCIENCE**, UNIVERSITY OF PUNJAB, LAHORE

Punjab University College of Information Technology

2012-2014

**HSSC, FAZAIA INTER COLLEGE LAHORE**

## SKILLS

### PROGRAMMING LANGUAGES

- C# , Asp.Net core 2+, .Net MVC, WPF,UWP  
Web Services, Web APIs, LINQ,JWT Token, Web Sockets, Multi-Threading
- Angular 7+ (8,9,10)
- NodeJs , NextJS
- PHP (MVC)
- PowerBI, Tableau, Talend, Grow
- MySql , MS-Sql, PostgreSQL
- Docker,Microsoft Azure,Smarter Asp,VMs,IIS

## EXPERIENCE

2018 DEC – PRESENT

**SENIOR SOFTWARE ENGINEER**, EDRAAK SYSTEMS

Worked on various projects where we provide intelligent solutions for Textile sector.

My responsibilities include

- Designing and Creating Front End of Web(Angular) and .Net Apps
- Designing and Creating Databases
- Designing and Creating REST APIs
- Managing Data
- Performing Advance Analytics on BigData
- Integrating PCBs and Micro Controllers with Software
- Performing Unit and Client Side Testing
- Managing Deployment, Logs and Updates

## PROJECTS

**FAULT REGISTRATION SYSTEM (FRS)** – Fault Mapping System is designed for Textile Sector to record the operator performance and fabric faults. This data is then used to get best Cutting Plan which enhances the A Grade production.

- Created Dynamic Responsive .Net WPF App
- Customized Keyboard, wheel, weight and width sensors are integrated with app.
- Created Web Reporting on angular 9 for RealTime Data analysis
- Managed and designed database structure (MySQL) which has now GBs of data.

Youtube link : [youtube.com/watch?v=eK1TP24q1Uw](https://youtube.com/watch?v=eK1TP24q1Uw)

**CUTTING MACHINE**– Collaborated with two Italian Company (Testaspa & Incas) where we designed an application which can cut the raw fabric at 200 meters/sec speed.

**WAREHOUSE MANAGEMENT SYSTEM** – WPF and Angular App for managing large warehouses. We used live geo tracking of objects to provide them with the exact location.

**GO MOGLEE** : E-Commerce Application developing on NodeJs and ReactJS, which allows user to create their E-Commerce stores with a single click without worrying about the products outsourcing.

**PROPERTY RE-ASSESSMENT DIGITIZATION(FYP)** – Consist of WEB Desktop and Android App for Excise and Tax Department

## LANGUAGES

**ENGLISH:** BUSINESS FLUENT. IELTS TEST SCORE: 8.0

**URDU:** NATIVE

**PUNJABI:** NATIVE