

UMAIR HASSAN

Full Stack Developer | .NET Core | ReactJS | Angular | Azure | AWS

Katowice, Poland | +48 603546055

umairxxv@gmail.com | <https://www.linkedin.com/in/umi523/> | <https://umairxxv.com/>

Summary

Self-motivated, dedicated, and always up for a challenge, I have 7+ years of experience building and integrating large-scale websites and applications across AI, Big Data, Fintech, and Telecommunication domains. Outside of work, I'm a big fan of chess and table tennis, and I love hiking and trekking whenever I get the chance. I earned my Bachelor's degree in Software Engineering from COMSATS University.

Experience

MAY-2024– PRESENT

Senior Software Engineer /UBS, Wroclaw, Poland

- Developing and enhancing UBS's internal client reporting web application, to improve reporting capabilities.
- Ensuring seamless data integration for NAV calculations, portfolio valuations, FX exposure, benchmark comparisons, asset allocations, and transaction reconciliations to support accurate client reporting.
- Integrating data from multiple sources via API consumption to generate accurate and comprehensive reports.
- Supporting production by assisting reporting teams with troubleshooting, issue resolution, and knowledge sharing.
- Collaborating with business users and CRM teams to refine reporting processes and improve client.

AUG-2022 – APR-2024

Senior Software Engineer /EPAM Systems, Katowice, Poland

- Developed complex features for enterprise applications using .NET 8, React and TypeScript.
- Designed and implemented Microservices using Azure functions and Web Apps.
- Developed and deployed Restful APIs with Entity Framework and SQL Server.
- Built and optimized CI/CD pipelines in Azure DevOps for efficient deployments.
- Collaborated with global agile teams across different time zones.
- Participated in ideation workshops, proposing innovative solutions for product evolution.
- Have taken part in multiple mentorship programs and participated as Mentor to help juniors learn advanced concepts in multiple technologies.
- Conducted technical interviews for EPAM, had interviewed 10+ candidates.
- Technologies worked on are .Net, ReactJS, Angular, TypeScript, JavaScript, Restful Services, Azure Functions, Azure CI/CD Pipelines, Azure Topic & Queues, AzureCosmos DB, SQL Server, and Entity & Identity Framework.

FEB-2019 – JUL-2022

Software Engineer /Melior IT Solutions, Islamabad, Pakistan

- Joined Melior client DDW's Hydra team which is responsible for developing a project named DataDairy Warehouse.
- Developed and maintained CI/CD pipelines for multiple components like Azure Service Bus, AzureFunctions, .Net Web API and React.
- Developed components using Azure Services like Service Bus, Functions, Cosmos DB, SQL, and Web Applications.
- Developed NoSQL database in CosmosDB and integrated it with .Net Core.
- Developed many graphs like LineChart, TrendGraph, and BarChart using d3.js along with React.
- Took interviews for 20+ candidates for .Net Roles.
- I was Recreation Lead, arranging activities, dinners, outings and a lot more to help employees in team building.

- Technologies worked on are .Net Core, ReactJS, TypeScript, JavaScript, Elastic Search, Azure Functions, Azure CI/CD Pipelines, Azure Topic & Queues, Azure Cosmos DB, SQL Server, and Entity& Identity Framework.

FEB-2018 – FEB-2019

Associate Software Engineer/Broadpeak Technologies, Islamabad.

- Joined Broad peak's Naranga- Ncompass team which was responsible for developing Ncompass(Franchise Management Software Solution).
- Developed Customer Relationship Management Module (CRM) for Ncompass along with 2 SeniorSoftware Engineers.
- Revamped Finance Module for Ncompass under Principal Software Engineer.
- Added MP3 Support for Ncompass. Developed Restful Web Services for HR Module using WebAPI for Ncompass.
- Won Rookie of the Quarter Award.
- Developed Task Module for Ncompass with Team. Developed APIs for Finance Module ofNcompass. Revamped Compliance Module User Experience following modern design principles.
- Technologies worked on were VB.NET, ASP.NET Web Forms, Angular, Angular JS, TypeScript,JavaScript, SQL Server, Elastic Search, Rest Services, and JavaScript.

Skills

- **Backend Tech Stack**
 - .Net 8, .Net Framework, .Net Standard, Asp.Net MVC, Entity and Identity Framework,SignalR, Asp.Net Web Forms, Visual Basic and C#.
 - WebAPI, WCF Services, Restful Services, and GraphQL.
 - Microservices, Monolithic, Service Oriented, Serverless, Event Driven Architectures.
 - Object Oriented, SOLID Principles, & Design Pattern Concepts.
- **Frontend Tech Stack**
 - Angular, and Angular Material.
 - ReactJS, React Bootstrap, Context API and Redux.
 - JavaScript and TypeScript.
 - HTML5, CSS3 and Bootstrap.
 - JQuery and d3.js.
- **Databases**
 - Relational (SQL Server, T-SQL, MySQL, PostgreSQL, and Oracle)
 - NoSQL (MongoDB and RavenDB).
 - Elastic Search and ELK Stack.
- **Unit Test's & Test Automation**
 - XUnit, NUnit, MSTest, JUnit and Mocha for unit testing.
 - Cypress and Silicon for test automation.
- **Cloud**
 - Azure Functions, Azure Service Bus, Topics & Queues, Azure Blob, Table Storage, AzureSQL, and Azure Cosmos DB.
 - AWS, AWS Lambda, SQS, and S3.
- **Others**
 - Software Development, Web Development, Jira & Confluence, Scrum & Kanban, Agile & Waterfall, Azure DevOps, Team Player, Can-Do Attitude, Lead experience, Problem Solver, Excellent Verbal & Communication skills.

Projects

- Developed Scope ML at Pretechx (Internship).
- Developed Broad peak's Modern Employee Management System at COMSATS University.
- Developed Edible Arrangement's CRM Module of NCompass Product at Broadpeak Technologies.
- Developed Edible Arrangement's NCompass - Franchise Management Software at Broadpeak Technologies.
- Developed Jaguar Land Rover's E-SIM Hub at Melior IT Solutions.
- Developed Jaguar Land Rover's E-SIM Provisioning at Melior IT Solutions.
- Developed Khibraty Better Business at 10Pearls.
- Developed American Research Company's Web Based Device Simulator at 10Pearls.
- Developed DDW Dairy's Big Data Visualization Web Portal at Melior IT Solutions.
- Developing Corelogic's Symbility project at EPAM.

Education

FEB 2014 – FEB 2018

Bachelor of Software Engineering/COMATS University, Islamabad.

Learnt to develop software applications with different technologies like .Net, Databases, Java, Cloud, Networking, Machine Learning, E-Commerce, Artificial Intelligence, Software Requirement Engineering, Software Design and Architecture, Software Project Management and Software Quality Assurance Engineering. I did my final year project for Broadpeak Technologies which led to a job in Broadpeak as Associate Software Engineer.

Honors & Awards

JUL-2020

Employee of the Month/10Pearls, Karachi.

Awarded for best performance in July 2020.

JUL-2018

Rookie of the Quarter/Broadpeak Technologies, Islamabad.

Awarded for best performance in quarter among the newly recruited employees' broad peak.

DEC-2016

Video Competition/COMATS University, Islamabad.

Artificial Intelligence Conference was held in COMSATS Institute of Information Technology, where many competitions held where one of them was Video Competition where I won the 2nd prize for Video Competition.

Certifications

DEC-2016

C# Best Practices for Developers/LinkedIn

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