

MUHAMMAD OWAIS JAFFERI

SENIOR SOFTWARE ENGINEER | BUSINESS ANALYST | TECHNICAL PROJECT MANAGER

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SUMMARY

Senior Software Engineer with **6 years** of experience crafting innovative solutions. Proficient in **DotNet core, EF, Microservices, Shortest path algorithm**, excel in leading teams through complex projects, optimizing performance, and staying ahead in a rapidly evolving tech landscape. My track record showcases a commitment to delivering high-quality code and driving transformative change. Eager to leverage my expertise to elevate your team's success.

WORK EXPERIENCE

Senior Software Engineer - Team Lead

April 2022- Present

TPLEX

- Led a development team, ensuring efficient project execution, code quality, and best practices.
- Managed client communication, requirement gathering, and technical implementation.
- Developed and maintained applications using **.NET Core, ASP.NET MVC, and C#**.
- Implemented Hangfire for background job processing and optimized system performance.
- Designed and developed RESTful APIs, SQL Server databases, and optimized queries.
- Applied OOP principles, multithreading, and asynchronous programming for scalable solutions.
- Conducted unit testing, debugging, and troubleshooting to enhance application stability.
- Managed code versioning with Git, Azure DevOps, and SVN for seamless collaboration.
- Coordinated effectively with global teams to ensure smooth integration and development

Software Engineer - .NET

Feb 2019 - March 2022

BOOKINGWHIZZ

- Integrated third-party APIs (Booking.com, Agoda, Expedia, RateGain, etc.) for seamless system connectivity.
- Developed and maintained .NET Web APIs, Windows Services, and MVC applications.
- Led end-to-end project management, from requirement gathering to deployment.
- Managed a team of developers, conducted code reviews, and ensured best practices.
- Engaged in direct client communication for requirement analysis and issue resolution.
- Designed and implemented scalable and optimized solutions for high-performance applications.
- Worked with cross-functional teams to align technical solutions with business goals.
- Managed version control, CI/CD pipelines, and cloud deployments (Azure/AWS).
- Linked individual portals to ensure seamless integration and data flow.
- Utilized AngularJS key features: Scope, Model, Controller, Sorting, Searching, Pagination, Form Validation, HTTP (AJAX) services, Data Binding, Looping, Conditions, and Directives.
- Sent and received custom XML documents with XSLT or JSON formatted data from external sources.
- Managed and synced data from outsourced engines, integrating multiple internal and external APIs.

TECHNICAL SKILLS:

- **Backend Development:** .NET Core | ASP.NET MVC | ASP.NET Web Forms | C# | VB.NET | Entity Framework | ADO.NET | Node JS
- **Frontend Development:** AngularJS | JavaScript | jQuery | HTML5 | CSS | Bootstrap
- **Architecture & Design Patterns:** MVC | Microservices | Dependency Injection | SOLID Principles
- **APIs & Integration:** RESTful APIs | Third-party API Integration (Booking.com, Agoda, Expedia, RateGain)
- **Job Scheduling & Processing:** Hangfire | Windows Services
- **DevOps:** Docker, CI/CD
- **Database Management:** SQL Server | MySQL | PostgreSQL | Query Optimization | Stored Procedures | Schema Design
- **Testing & Debugging:** Unit Testing | Troubleshooting | Debugging | Performance Optimization
- **Version Control:** Git | Azure DevOps TFS | JIRA
- **Programming Concepts:** Object-Oriented Programming (OOP) | Asynchronous Programming | Multithreading
- **Project & Team Management:** Client Communication | Requirement Gathering | Team Leadership | Cross-Team Collaboration | Business Analysis
- **Soft Skills:** Communication | Problem-Solving | Leadership
- **Awards/Activities:** Recognized with the "**Employee of the Month**," "**Client Satisfaction**," & "**Code Avenger**" awards for exceptional performance, project innovation, and dedication to excellence.

PROJECTS

- POS Australia Money Exchange (.NET 8, Hangfire, Postgres & Angular)
 - Pwm customised Order Management System (.NET 8, Hangfire, Postgres & Angular)
 - Hotel Management System (Web App using .NET MVC & SQL)
 - HashMi – Admin Panel (Web App using .NET MVC & SQL)
 - Lajleather.com (E-Commerce App using .NET MVC & SQL)
 - Pakvalley.co (E-Commerce App using .NET MVC & SQL)
 - Inventory Management System (Desktop Application using ADO.NET & SQL)
 - Online Book Store (Web App using PHP & MySQL)
 - Leave Management System (Android App using Java, PHP, API & MySQL)
 - Money Exchange (.Net Core)
 - Warehouse Management (.Net core & Microservices)
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EDUCATION

- B.Eng. (Hons) in Software Engineering
London Metropolitan University
 - ACCP-EE (Software Engineering)
APTECH COMPUTER EDUCATION
 - Pre-Engineering
Mysa College
 - Matric
Star English Public High School
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