

# WAQAS AHMAD

Senior Software Engineer & Technical Lead | Remote-First Specialist

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 100% Remote | Flexible Timezones: EST, PST, GMT, CET, SGT | Available for Global Remote Positions

## PROFESSIONAL SUMMARY

**Senior Software Engineer & Technical Lead** with **17+ years** of experience architecting enterprise-scale solutions for **Fortune 500 companies** across **USA, Europe, and Asia-Pacific**. **Remote-first specialist** with proven expertise in distributed team leadership, cross-timezone collaboration, and remote development practices. Specializes in **.NET Core, ASP.NET, C#, Microservices Architecture, RESTful API Development, Azure Cloud**, and CI/CD automation. Proven track record delivering mission-critical systems processing **2.5M+ data points daily**, achieving **65% performance improvements**, and leading **distributed remote teams** managing **billions in operational costs**. **Pioneered remote-first development practices across 5+ time zones** (EST, PST, GMT, CET, SGT) with **99.9% delivery success rate**. Mentored **50+ developers** across global remote teams. **100% available for remote positions worldwide** with flexible timezone support. Expertise in Agile/Scrum methodologies, remote technical leadership, asynchronous communication, and virtual team collaboration.

**Keywords:** Remote Software Engineer, Remote Technical Lead, .NET Core, C#, ASP.NET, Microservices, Azure Cloud, SQL Server, Angular, Vue.js, RESTful API, DevOps, CI/CD, Agile, Scrum, Remote Work, Distributed Teams, Remote Leadership, Global Remote, Work From Home, Remote Collaboration, Virtual Teams, Cross-timezone, Remote Development, Full Stack Developer, Software Architecture, Enterprise Solutions, Fortune 500, Software Engineering, Backend Development, Frontend Development, API Development, Cloud Architecture

## PROFESSIONAL EXPERIENCE

### Lead Software Engineer & Technical Consultant / Independent Consultant

January 2022 - Present

100% Remote (Global: USA, Europe, Asia-Pacific)

- Delivered enterprise solutions to **Fortune 500 clients** across **5+ countries** (USA, Europe, Asia-Pacific) via **100% remote collaboration**, specializing in Azure cloud architecture and .NET Core microservices
- Architected Azure cloud solutions reducing infrastructure costs by **40%** while achieving **65% performance improvements** for mission-critical systems, all delivered remotely
- Built complete applications from database design to user interface remotely, ensuring seamless integration and optimal user experience for international clients
- Delivered projects **25% faster** than industry standards with **99.9% uptime** for mission-critical petroleum operations managing billions in maintenance costs, working entirely remotely
- Pioneered remote-first development practices** across **5+ time zones** (EST, PST, GMT, CET, SGT), managing distributed remote teams for Fortune 500 clients with **99.9% delivery success rate**
- Established asynchronous communication protocols, virtual standups, and remote code review processes enabling seamless collaboration across continents

### Technical Lead / AirAsia Tech

June 2021 - August 2022 (1 yr 3 mos)

Kuala Lumpur, Malaysia (Hybrid Remote/Onsite)

- Led development of AirAsia ID90 Portal, a mission-critical employee benefits platform enabling 90% discounted flights within 60-minute departure window, processing **3,000+ bookings daily** with **99.9% uptime**, working with distributed

remote team members

- Architected .NET Core microservices with Angular frontend, Azure App Services, and Azure SQL Database, serving **millions of employees** across Southeast Asia, coordinating remotely with stakeholders
- Implemented real-time flight monitoring, automated discount application, and comprehensive refund management system with **95% automation rate**, all coordinated through remote collaboration
- Standardized CI/CD pipelines with Azure DevOps for remote teams, reducing delivery time by **40-50%** while ensuring code quality and zero-downtime deployments
- Optimized Entity Framework + LINQ queries, improving database performance by **35%** and reducing query execution time for real-time flight operations
- Led cross-functional **remote and hybrid team of 8+ engineers** from multiple countries, developing enterprise-grade applications, conducting virtual code reviews and remote knowledge transfer sessions

#### **Technical Lead / Datacom Systems Sdn Bhd**

February 2020 - January 2021 (1 yr)

Kuala Lumpur, Malaysia (Hybrid Remote)

- Developed microservices architecture with API Gateway integrating **7+ third-party systems** (SharePoint, SAP, Cherwell, Success Factor, Datalake) under unified Azure AD authentication, working with remote team members
- Designed Azure Service Fabric cloud infrastructure with SQL Server, implemented CI/CD pipelines with ARM templates for multi-tenant deployments, coordinating remotely with stakeholders
- Optimized n-tier application architecture with Entity Framework best practices, improving query performance and system responsiveness by **30%**
- Integrated enterprise systems (SAP, Cherwell HR, Application Insights) with custom APIs, enabling seamless data flow across business operations via remote collaboration
- Implemented Agile/Scrum practices with virtual sprint planning, remote backlog management, and daily virtual standups, ensuring on-time delivery of all project milestones

#### **Technical Lead / Syntronic Malaysia Sdn Bhd**

July 2019 - January 2020 (7 mos)

Kuala Lumpur, Malaysia (Hybrid Remote)

- Developed ASP.NET Core REST APIs with Swagger documentation and SignalR for real-time bidirectional communication in IoT monitoring systems, collaborating with remote team members
- Successfully revamped major module (backend, frontend, database) in under **2 months** remotely, delivering Angular SPA with responsive design and enhanced UX
- Implemented CI/CD automation with Azure DevOps, Docker containerization, and automated unit testing, reducing manual testing time by **60%**, all coordinated remotely
- Utilized Cosmos DB, Azure Functions, and Azure Storage for scalable solutions, with architecture decisions made through remote collaboration
- Active participation in virtual Agile ceremonies and comprehensive remote code reviews

**Technical Lead | Iconic Control Sdn Bhd, Petaling Jaya, Malaysia** (May 2018 - Jul 2019): Architected 7+ smart city solutions from scratch (Transportation, Law Enforcement, Taxation, Land Planning, Project Monitoring) achieving 50-60% revenue growth. Implemented OCR-based enforcement systems, GIS mapping with Supermap, and IoT sensor integration for real-time monitoring.

**Technical Lead / Senior Software Engineer | Squad Cell, Lahore, Pakistan** (Nov 2012 - Mar 2018, Promoted 2015): Architected cloud-hosted e-commerce platform with .NET MVC and Angular. Developed data analytics framework and notification

microservices. Standardized Agile/Scrum practices and DevOps automation.

## REMOTE WORK EXPERTISE

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- **5+ years** of remote work experience with Fortune 500 companies across USA, Europe, and Asia-Pacific
- Expert in **distributed team leadership**, managing teams across 5+ time zones (EST, PST, GMT, CET, SGT)
- Proven track record of **99.9% delivery success rate** in remote work environments
- Skilled in **asynchronous communication**, virtual standups, remote code reviews, and virtual collaboration tools
- Experience with **remote-first development practices**, CI/CD automation, and cloud-based development workflows
- Flexible availability across multiple timezones for global remote positions

## TECHNICAL SKILLS

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<b>Programming Languages</b> #CSharp #DotNetCore #ASPNETCore #JavaScript #TypeScript #SQL #LINQ #HTML5 #CSS3	<b>Frontend Frameworks</b> #Angular #VueJS #React #Bootstrap #jQuery #PrimeNG #ChartJS #Leaflet	<b>Backend &amp; APIs</b> #RESTfulAPIs #GraphQL #SignalR #Swagger #OpenAPI #EntityFramework #Dapper #AutoMapper
<b>Cloud &amp; Azure</b> #AzureAppServices #AzureFunctions #AzureServiceFabric #AzureCosmosDB #AzureKeyVault #AzureStorage #AzureAD	<b>Databases</b> #SQLServer #Redis #CosmosDB #EntityFrameworkCore #LINQ2SQL #DatabaseOptimization	<b>DevOps &amp; CI/CD</b> #AzureDevOps #Docker #CICD #ARMTemplates #GitHubActions #Nexus #AutomatedTesting
<b>Remote Collaboration</b> #VirtualTeams #AsynchronousCommunication #RemoteCodeReviews #DistributedDevelopment #CloudBasedWorkflows	<b>Methodologies</b> #Agile #Scrum #TDD #CodeReview #TechnicalLeadership #RemoteTeamMentoring #VirtualProjectManagement	

## EDUCATION

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**Bachelor of Computer System Engineering (Honors) / University of Engineering and Technology**      2006 - 2013  
Lahore, Pakistan

## AWARDS & ACHIEVEMENTS

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**National Speed Programming Champion**      2010  
**ACM All Pakistan Speed Programming Competition**

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 **View Full Interactive Resume:** <https://waqasahmad-portfolio.web.app/#resume> - Explore detailed project portfolios, architecture diagrams, performance metrics, and comprehensive technical expertise.