

# Wasim Akhtar

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## Professional Summary

Results-driven Senior System Analyst and Technical Lead with 12+ years of experience in software development, cloud architecture, and DevOps. Expert in .NET Core, Blazor, Azure, AWS, Kubernetes, Docker, and microservices. AWS Certified Cloud Practitioner with proven track record leading cross-functional teams and delivering scalable enterprise solutions. Passionate about automation, CI/CD pipelines, and cloud-native architectures.

## Technical Skills

**Programming Languages:** C-Sharp, Python, VBA, Visual Basic .NET, JavaScript

**Frameworks and Libraries:** .NET Core, ASP.NET MVC, Entity Framework, Blazor, Angular, MAUI, SignalR, ML.NET, WebAssembly, REST APIs, gRPC

**Cloud Platforms:** Microsoft Azure, Amazon Web Services (AWS), Azure Kubernetes Service (AKS), AWS CloudWatch, Azure Entra ID, Azure Key Vault, Azure Blob Storage, Azure CDN, Azure Service Bus, Azure Event Grid

**DevOps and Tools:** Docker, Kubernetes, Helm Charts, CI/CD Pipelines, Azure DevOps, Git, Jira, IIS, HeadLamp, FreeLens, GitHub Actions

**Databases:** SQL Server, MS Access, ADO.NET, Entity Framework Core, Dapper, Redis, LINQ

**Architecture and Methodologies:** Microservices Architecture, Object-Oriented Programming (OOP), Test-Driven Development (TDD), Agile, Scrum, SDLC, MVVM Pattern

**Other Technologies:** WPF, WinForms, RDLC Reporting, EHLLAPI, Radzen, Prism Framework, JWT Authentication, OAuth 2.0

## Professional Experience

### Technical Lead

Mar 2022 – Present (3 years 11 months)

*Coforge, Noida, India (Client: SITA)*

#### Airside Optimizer System – Technical Lead, Full-Stack .NET Developer

- Leading development of comprehensive textbfAirside Optimizer System for airport ground operations optimization and resource management
- Built textbfDeicing Module as integral component managing aircraft deicing operations, fluid tracking, and compliance reporting
- Architected microservices using textbf.NET Core, textbfBlazor, textbfAzure Service Bus, and textbfSignalR for real-time operational updates
- Deployed on textbfAzure Kubernetes Service with textbfDocker, textbfHelm Charts, and automated textbfCI/CD pipelines

#### Media Manager – Full-Stack .NET Developer, DevOps Engineer

- Built airport configuration platform using **Blazor**, **Radzen**, **.NET Core**, **REST APIs**, and **gRPC** for microservices communication
- Deployed on **Azure Kubernetes Service** with **Docker** containers, **Helm Charts**, and **CI/CD pipelines** achieving 99.9 percent uptime
- Integrated **Azure Entra ID** authentication with **App Registration** for enterprise security and **Azure Key Vault** for secrets management

#### Electronic Flight Strip System – .NET Developer, Cloud Developer

- Developed mission-critical flight operations system managing aircraft movements from arrival through departure using **Azure Service Bus**, **Event Grid**, **SignalR**
- Architected event-driven microservices with **Azure Entra ID SSO** and **RBAC** for 500 plus airport personnel, containerized with **Docker** and **Kubernetes**
- Implemented automated **CI/CD pipelines** with **Azure DevOps**, container scanning, and blue-green deployments for zero-downtime releases

#### Airport Integration System – Technical Lead, DevOps Engineer

- Led development of deicing operations system with multiple microservices: **.NET Core API**, **ASP.NET Information Services**, **Blazor Management UI**

- Architected **Kubernetes** infrastructure on **Azure** with **Helm Charts**, **Azure Entra ID**, **Key Vault**, and automated **CI/CD pipelines**
- Monitored infrastructure using **HeadLamp**, **FreeLens**, **Azure Monitor** achieving 99.9 percent uptime for critical winter operations

### Software Engineer III

Jan 2020 – Feb 2022 (2 years 2 months)

*Concentrix, Gurgaon, India (Clients: 7-Eleven, VicRoads, Australian Government)*

#### Backend .NET Projects – Backend Developer, Cloud Engineer

- Architected and maintained 10 plus **RESTful Web APIs** using **.NET Core** serving 50,000 plus daily requests with 99.9 percent uptime on **AWS** and **Azure**
- Implemented **AWS CloudWatch** monitoring, **CloudTrail** logging, and automated alerting reducing incident response time by 60 percent
- Designed API security with **JWT authentication**, **OAuth 2.0**, and API rate limiting deployed on **AWS EC2** with **Auto Scaling**
- Delivered enterprise solutions for retail (7-Eleven), road transport (VicRoads), and government sector clients

#### Legacy Modernization Initiative – Technical Lead, Migration Specialist

- Led migration of 5 legacy **ASP.NET Web Forms** applications to **.NET Core microservices** with **Entity Framework Core** and **Dapper**
- Achieved 45 percent performance improvement and reduced hosting costs by 25 percent through cloud optimization
- Mentored team of 5 junior developers establishing coding standards and **Git** branching strategies

### Software Engineer II

Aug 2016 – Dec 2019 (3 years 5 months)

*Concentrix, Gurgaon, India (Client: Cigna – US Healthcare)*

#### Smart Alec Legacy Migration – .NET Developer, Migration Specialist

- Led migration of legacy **Smart Alec** application to modern **.NET** platform for Cigna US healthcare operations
- Developed 8 mission-critical **WPF** desktop applications using **C-Sharp**, **MVVM pattern**, **Prism framework** serving 500 plus daily users
- Architected data access layer with **Entity Framework**, **LINQ**, and optimized **SQL Server** stored procedures improving query performance by 50 percent

#### Data Processing Automation Framework – Automation Engineer, Python Developer

- Created **Python** automation scripts with **Pandas**, **NumPy**, and **OpenPyXL** for ETL processes reducing manual work by 70 percent saving 20 plus hours weekly

### Senior System Analyst

Jun 2015 – Aug 2016 (1 year 3 months)

*Artech L.L.C., Noida, India (Client: Cigna – US Healthcare)*

Continued development and enhancement of **Smart Alec** and **Auto Inventory Management System** for Cigna US healthcare operations. Led **SDLC** for major client projects achieving 95 percent client satisfaction. Created **Excel VBA** automation solutions and **EHLLAPI** integrations connecting mainframe systems with **Excel** frontends. Developed **MS Access** databases for business process optimization.

### MIS Executive

Oct 2014 – Jun 2015 (9 months)

*Jabong, Gurgaon, India*

Designed **MS Access** database for inventory tracking with **Excel VBA** automation processing 10,000 plus daily transactions reducing manual effort by 80 percent and improving data accuracy to 99 percent.

### Senior Practitioner

Oct 2012 – Oct 2014 (2 years 1 month)

*IBM, Gurgaon, India (Client: Cigna – US Healthcare)*

#### Auto Inventory Management System and Smart Alec – Systems Developer

- Developed and maintained **Auto Inventory Management System** for Cigna US healthcare inventory tracking and management
- Built **Smart Alec** application for streamlined US healthcare operations and workflow automation
- Created **EHLLAPI**-based solutions integrating IBM mainframe systems with **Excel** frontends improving data retrieval speed by 60 percent
- Developed 15 plus **Excel VBA** macros automating daily reports saving 25 plus hours weekly

## Education

**Master of Computer Applications (MCA), Computer Science** – Karnataka State Open University Jan 2014 – Feb 2016

**Bachelor of Computer Application, Computer Science** – Indira Gandhi National Open University 2007 – 2010

## Certifications

AWS Certified Cloud Practitioner (BT986BBJEB11QFK5) – Amazon Web Services · Six Sigma Yellow Belt (YB/06/2016/924499)

– Concentrix · C-Sharp Certificate – HackerRank

LinkedIn Learning: **ASP.NET Core Test-Driven Development, Building Real-Time Web Apps with Sig-**

nalR 2, Deploying AWS Applications with Docker, Learning Amazon Web Services for Developers, ASP.NET Core MVC, ASP.NET Core Razor Pages, ASP.NET Core New Features, Postman Essential Training, ML.NET Getting Started

## **Honors and Awards**

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Automation Wizard – Concentrix (May 2016) · Unsung Hero – Concentrix (May 2016)