

# Wasim Akhtar

Noida, Uttar Pradesh, India · wasim.akh2@gmail.com · +91 9718742936  
LinkedIn · GitHub

## 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*

**Airport Configuration Management System – 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

**Ground Operations Flight Management Platform – .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

**Airside Winter Operations Platform – 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*

**Enterprise API Gateway Platform – 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
- 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

**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**

*Concentrix, Gurgaon, India*

Aug 2016 – Dec 2019 (3 years 5 months)

### **Enterprise Desktop Application Suite – WPF Developer, Database Architect**

- 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**

*Artech L.L.C., Noida, India*

Jun 2015 – Aug 2016 (1 year 3 months)

Led **SDLC** for 3 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**

*Jabong, Gurgaon, India*

Oct 2014 – Jun 2015 (9 months)

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**

*IBM, Gurgaon, India*

Oct 2012 – Oct 2014 (2 years 1 month)

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 SignalR 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**

---

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