

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

Aug 2016 – Dec 2019 (3 years 5 months)

Concentrix, Gurgaon, India

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

Jun 2015 – Aug 2016 (1 year 3 months)

Artech L.L.C., Noida, India

Led **SDLC** for 3 major client projects achieving 95 percent client satisfaction. Created **Excel VBA** automation solutions and **EHLAPI** 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

Created **EHLAPI**-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)