

WASIM AKHTAR

SENIOR TECHNICAL LEAD | CLOUD ARCHITECT | DEVOPS ENGINEER

Architecting Mission-Critical Solutions for Aviation & Enterprise.

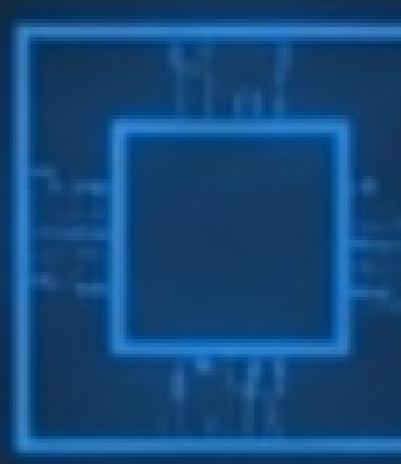
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12+ YEARS

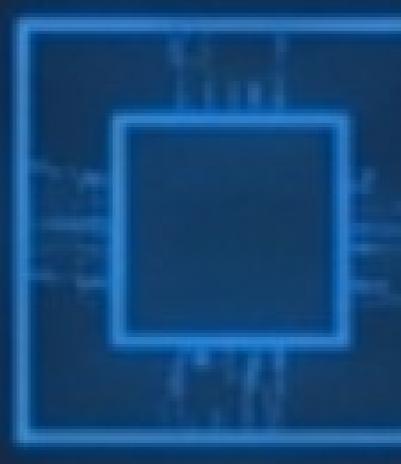
Bridging Legacy Stability &
Cloud-Native Innovation.

RESULTS-DRIVEN TECHNICAL LEAD



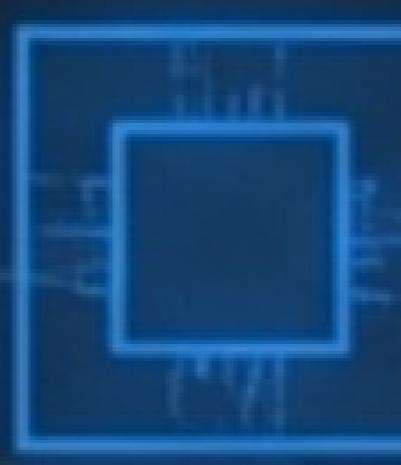
CURRENT MISSION

Leading critical airport ground operation systems at Coforge/SITA.



TECHNICAL CORE

Expert in full-cycle development (.NET 8, C# 11) and Cloud DevOps (Azure/AWS/Kubernetes).



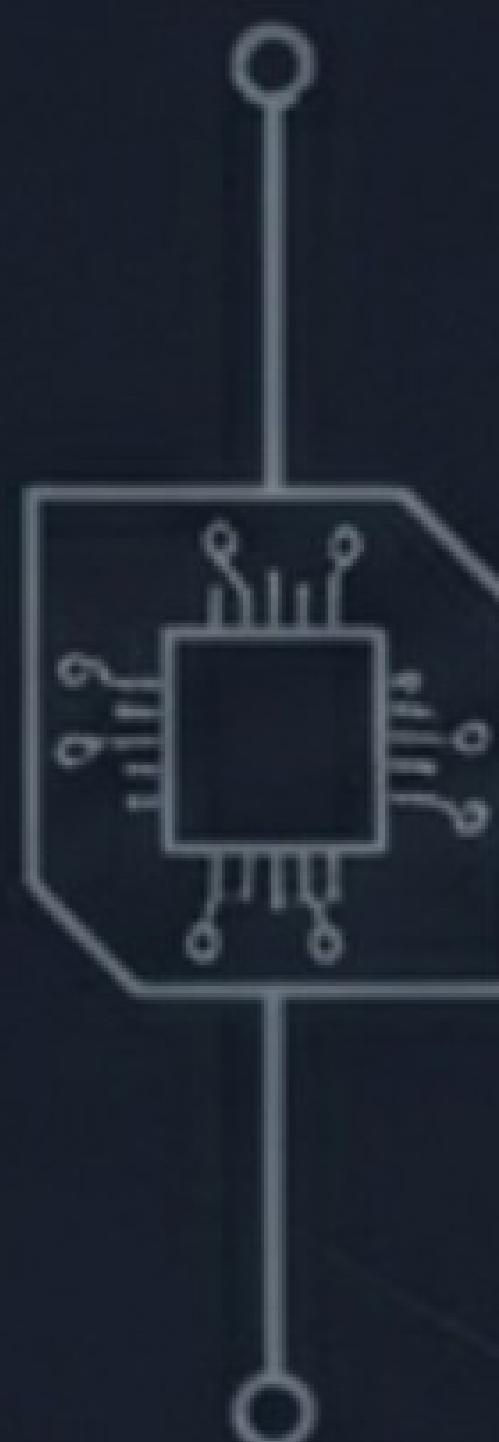
THE STANDARD

Specialist in high-reliability environments aiming for 99.9% uptime and rigorous TDD implementation.

THE EVOLUTION OF AN ARCHITECT

2012 – 2016: THE FOUNDATION

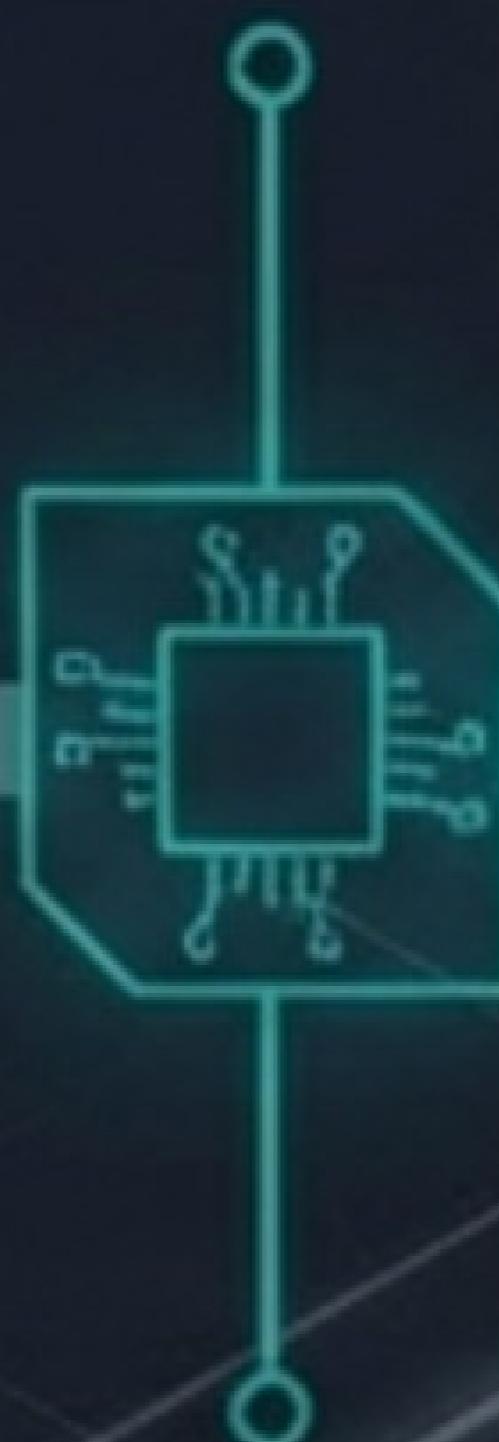
IBM & Jabong



- Mainframe Integration
- VBA Automation
- Data Analysis

2016 – 2019: THE BUILDER

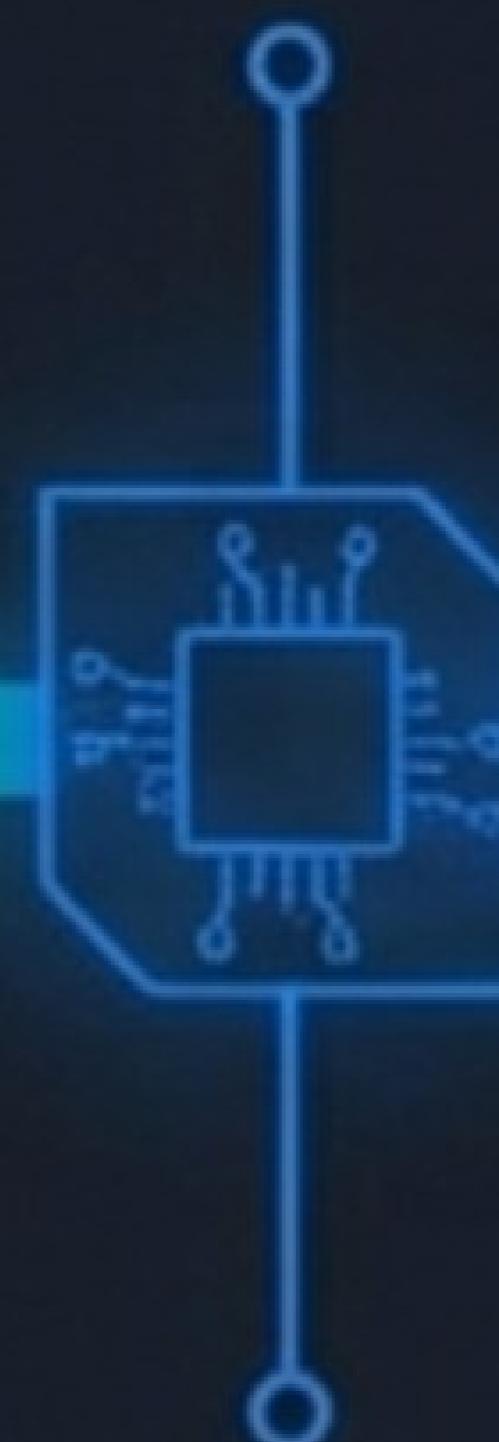
Concentrix / Cigna



- Migration to .NET
- WPF Desktop Apps
- SDLC Leadership

2020 – PRESENT: THE ARCHITECT

Coforge / SITA



- Cloud Native
- Microservices
- Kubernetes
- Airport Operations

BUILDING SOFTWARE THAT KEEPS AIRPORTS RUNNING

Technical Lead for Mission-Critical Aviation Systems at Coforge (Client: SITA)



AIRSIDE OPTIMIZER

Resource management via .NET 8, C# 11, and ASP.NET.



DEICING MODULE

Critical safety operations tracked via multithreading & SOA.



ELECTRONIC FLIGHT STRIP

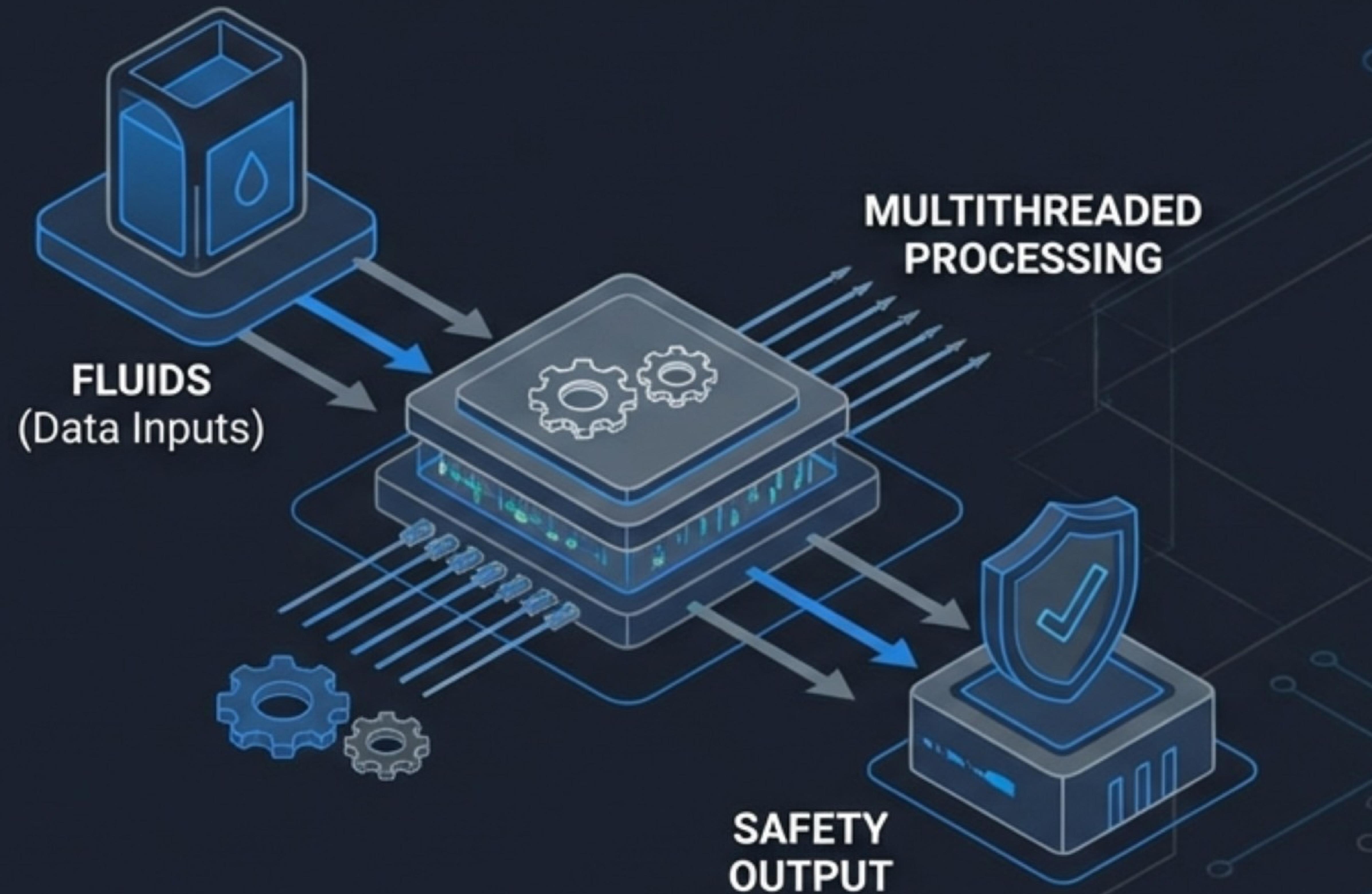
Real-time aircraft tracking using Azure Service Bus & SignalR.



MEDIA MANAGER

Configuration platform via REST/gRPC & Azure.

CRITICAL OPERATIONS: THE DEICING MODULE



THE CHALLENGE

Concurrent fluid tracking and compliance reporting in real-time.

THE SOLUTION

A multithreaded architecture ensuring data accuracy and safety compliance.

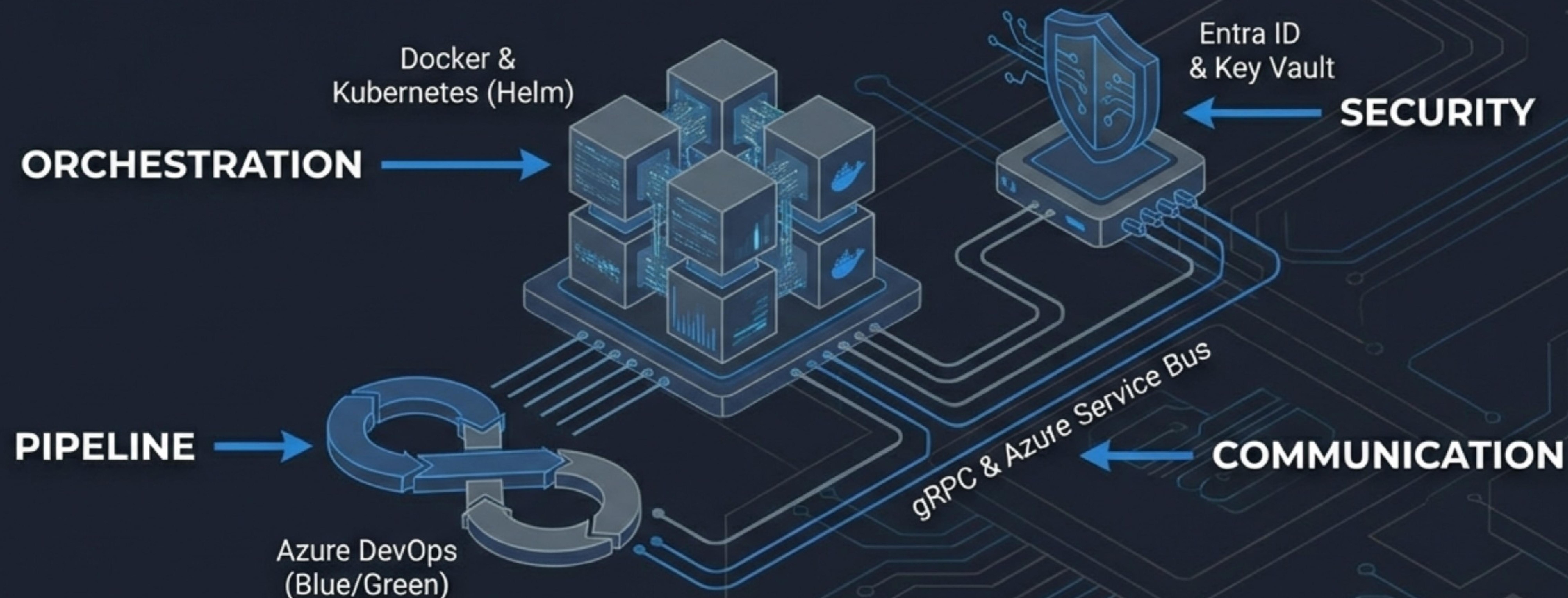
KEY TECH

C# 11 | Multithreading | NUnit/xUnit

THE STAT

85% Unit Test Coverage for maximum reliability.

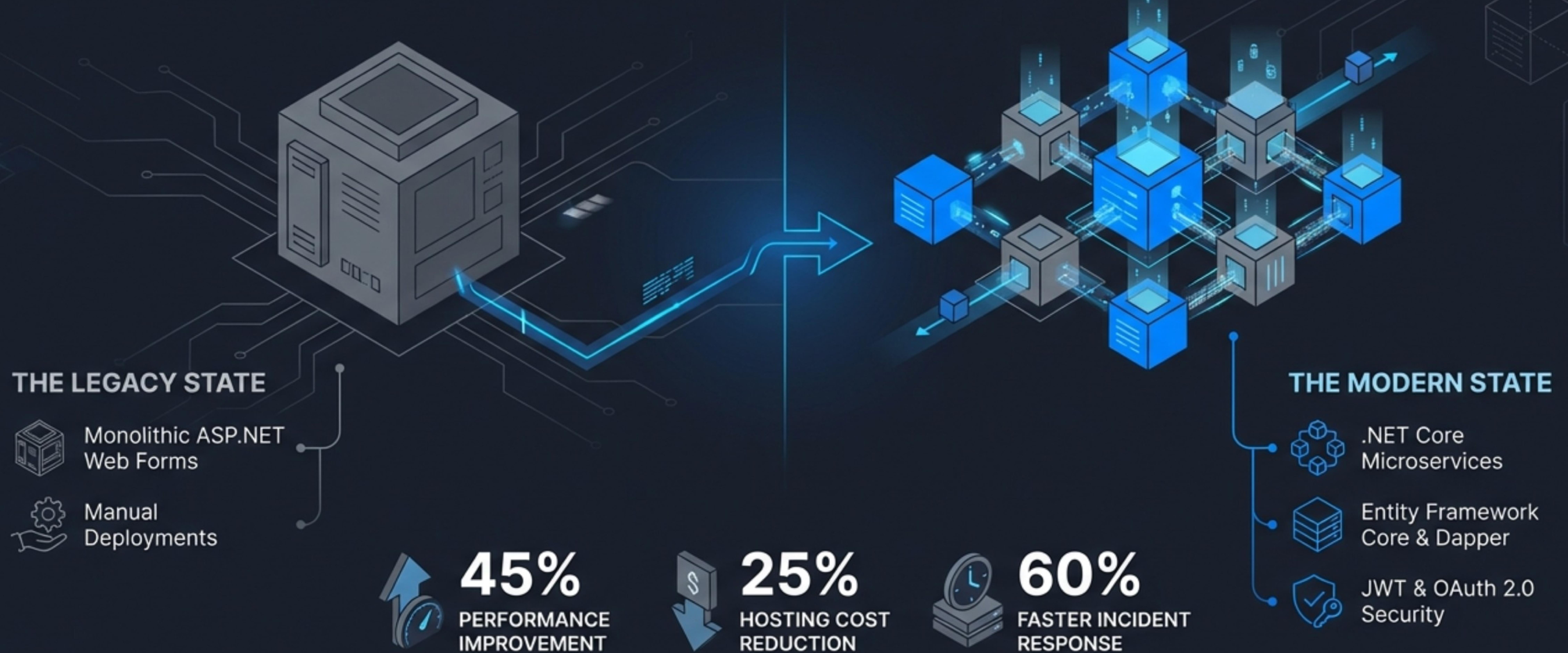
MODERN INFRASTRUCTURE & DEVOPS



OUTCOME: 99.9% UPTIME ACROSS CLOUD ENVIRONMENTS.

TRANSFORMING LEGACY INTO MICROSERVICES

Client: 7-Eleven / VicRoads



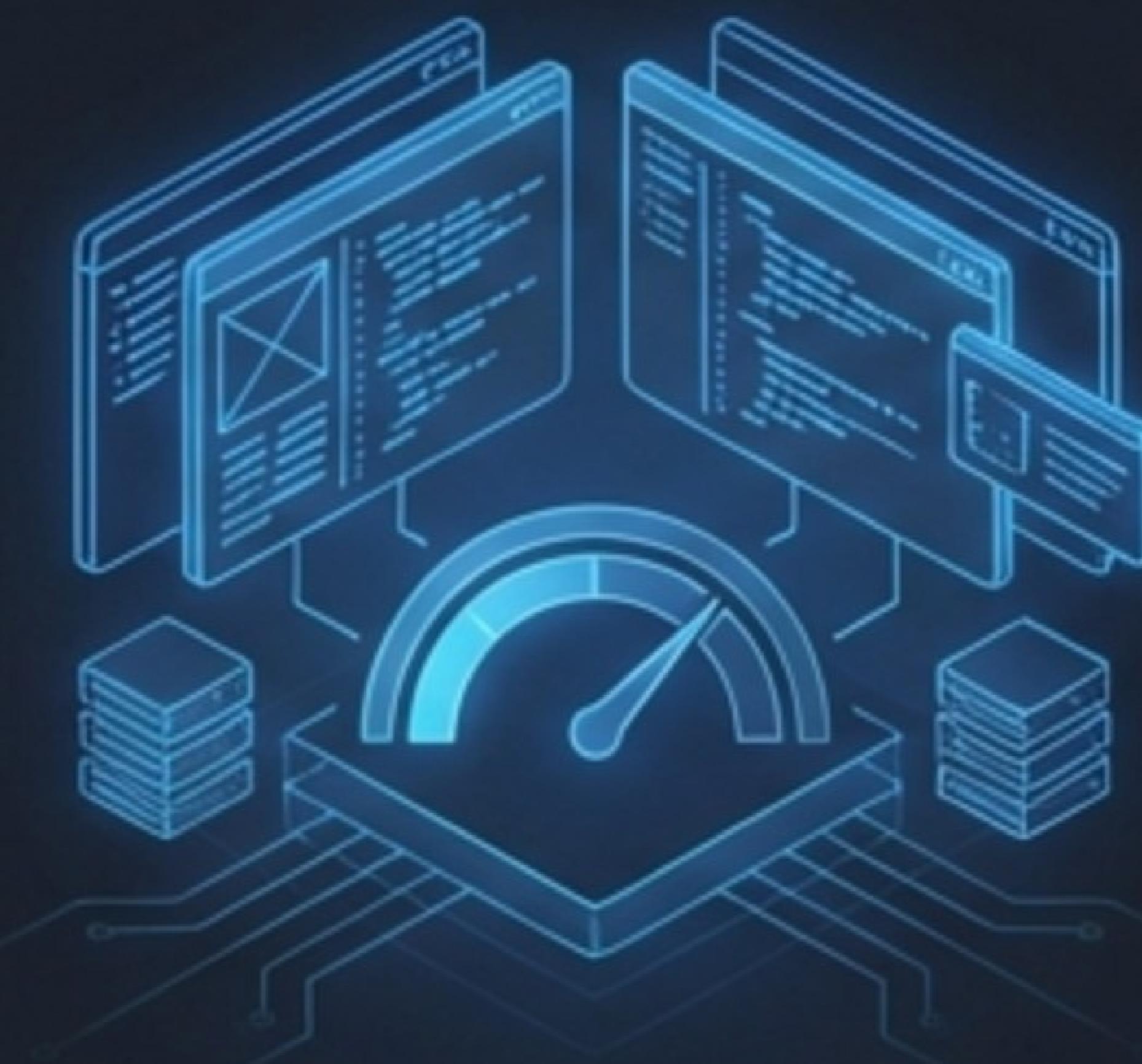
ENTERPRISE DESKTOP & AUTOMATION ENGINEERING

Client: Cigna Healthcare

SMART ALEC MIGRATION

Developed 8 mission-critical WPF applications using MVVM & Prism.

Served 500+ daily users.



50% IMPROVEMENT IN SQL QUERY PERFORMANCE.



DATA AUTOMATION

Built Python scripts (Pandas, NumPy) replacing manual ETL processes.



70% REDUCTION IN MANUAL WORK (20+ HOURS SAVED WEEKLY).

TECHNICAL ARSENAL

LANGUAGES

C# 11, Python, JavaScript, VB.NET, VBA

FRAMEWORKS

.NET 8, Blazor, Angular, MAUI, SignalR

CLOUD

Azure (AKS, Functions, Service Bus), AWS (EC2)

DATA

SQL Server, Redis, Dapper, Entity Framework Core

DEVOPS

Docker, Kubernetes, GitHub Actions, Helm

TESTING

TDD, xUnit, NUnit, MSTest



LEADING HIGH-PERFORMANCE TEAMS



MENTORSHIP

Guided 5+ junior developers on coding standards and Git strategies.



AGILE METHODOLOGY

Scrum leadership and SDLC management for major client projects.



STAKEHOLDER MGMT

Direct collaboration with clients (SITA, Cigna) to define requirements.

RECOGNITION: 'Automation Wizard' & 'Unsung Hero' Awards for Analytical Excellence.

IMPACT BY THE NUMBERS

50,000+

DAILY API REQUESTS PROCESSED

99.9%

UPTIME IN CLOUD ENVIRONMENTS

70%

REDUCTION IN MANUAL WORK

85%

CODE COVERAGE (TDD)

CERTIFICATIONS & EDUCATION



CERTIFICATIONS

- AWS Certified Cloud Practitioner
- Six Sigma Yellow Belt (Process Improvement)
- HackerRank C# Certificate



EDUCATION

- Master of Computer Applications (MCA) — Karnataka State Open University
- Bachelor of Computer Application (BCA) — Indira Gandhi National Open University

READY TO ARCHITECT THE FUTURE

Let's discuss how I can bring cloud-native reliability to your team.

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GitHub: github.com/wasimakh2