Jeavio

MODERNIZING FOR GROWTH — NOT JUST MIGRATING

The Challenge

Pressure, Scale, and Zero Margin for Error

A rapidly expanding B2B SaaS company faced a pivotal inflection point. With a new strategic investment from Microsoft came a requirement: move their entire live platform from AWS to Azure—fast. This was more than a simple "lift-and-shift." The platform, built on Java microservices (EC2) and an AngularJS front-end, supported a growing enterprise client base with exacting uptime demands and a need for rapid feature development.

The Stakes Were High

Maintain seamless service for all users throughout migration.

Support explosive user growth—platform needed to scale 5x

Meet strict investor and enterprise requirements for security, reliability, and speed.

Avoid technical debt or constraints that could slow future product innovation.

Jeavio's Approach

Unconstrained. Fluid. Human.

Jeavio did not view this as just another cloud project. Instead, we treated it as a **transformation opportunity**—to de-risk, modernize, and lay the foundation for the company's next era of growth.

1 Unconstrained Strategy

- **Challenged convention:** We refused a "copy-paste" migration. Instead, our team performed a deep-dive analysis of the AWS landscape, surfacing architectural gaps and rethinking each piece for Azure-native scale and security.

- **Future-proofed design:** Solutions went beyond compliance—architecting for extensibility, resilience, and developer efficiency.

2 Fluid Execution

- **Phased migration:** Staged transitions allowed for parallel runs, careful validation, and rollback options—ensuring zero downtime.

- **Containerization and DevOps:** Java services were containerized and deployed using Azure Kubernetes Service (AKS), boosting scalability and deployment speed. RESTful APIs were modernized and managed through Azure API Management.

- **Automated data migration:** MySQL (AWS RDS) moved to Azure MySQL; MongoDB to Atlas. Liquibase was introduced for automated, versioned database deployments, raising auditability and confidence.

3 Human Partnership

- **Transparent communication:** Constant updates, risk flags, and alignment with stakeholders—technical and non-technical—ensured everyone moved forward together.

- **Empathy in design:** Our team respected client constraints, their timeline, and their client obligations—adapting plans in real time to keep disruption at zero.

Technical
Modernization
Highlights

Containerized all core services for AKS, enabling flexible scaling and simpler maintenance.

Automated and versioned database migrations for MySQL and MongoDB.

Standardized and documented REST APIs for maintainability and partner integration.

Infrastructure-as-Code for fast, repeatable, and auditable deployments across environments.

Business Outcomes

Clear, Measurable Value

Zero Downtime: Platform migration was invisible to end users and customers—no interruptions or rollbacks required.

Faster Delivery: Sprint cycles were shortened from three weeks to two, accelerating innovation.

5x User Scalability: New architecture handles five times the previous user load, unlocking expansion opportunities.

Ongoing Partnership: Jeavio remains the trusted engineering arm for continuous platform evolution.

Jeavio

Why It **Matters**

The Jeavio Difference

This project is a clear example of how Jeavio brings its pillars to life:

- **Unconstrained:** We go beyond technical requirements to reimagine and modernize for long-term value.

- **Fluid:** We adapt as business priorities, risks, and realities change—never stuck, always moving with the client.

- **Human:** We operate as true partners, embedding with client teams and keeping people (and their customers) at the center of every decision.