



YOUR AI PARTNER FOR BUSINESS GROWTH

# Build. Deploy. Run.

We build full-stack applications and run production infrastructure for businesses that need it done right.

[cloudforces.ca](https://cloudforces.ca) →

WHO WE ARE

# A technology partner, not a vendor.

Cloud Forces is a Toronto-based technology company helping Canadian businesses build modern applications and run reliable, AI-native infrastructure. We are a small, senior team that owns the full lifecycle - from design through production operations.

**15+**

YEARS

## Infrastructure DNA

Deep expertise in AWS, Azure, networking, and cybersecurity.

**End**

TO END

## Build AND Run

We write the code, ship the cloud, and keep it alive. One team, one owner.

**AI**

NATIVE

## Modern by Default

Every service line is designed around AI, not bolted on.

WHAT WE DO

# Three disciplines, one team.

## ■ Application Development

Full-stack web & mobile apps. Next.js, React, Python, Node.js, APIs, Stripe, and AI integrations.

## ■ Cloud Infrastructure

AWS & Azure architecture, VPC networking, CI/CD, migrations, cost optimisation, and security.

## ■ Production Operations

24/7 monitoring, incident response, runbooks, patching, and ongoing managed services.

### PROOF POINTS

**500+**

Businesses served

**20x**

Lower Development Cost

**100%**

Built, Hosted & Managed

HOW WE WORK

# From idea to production.

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01

## Understand

Deep discovery of your business and technical landscape. No cookie-cutter solutions.

02

## Build

Senior Solution Architect builds a modern, clean application. CI/CD from day one.

03

## Deploy

Cloud architecture sized for your workload. Secure, cost-optimised, production-ready.

04

## Run

Ongoing managed ops, monitoring, security and support. Your infrastructure, our responsibility.

# StockTalk SA

Live in production

*South Africa's first real-time JSE community platform.*

## THE CHALLENGE

SA retail investors had no purpose-built community for JSE stocks - discussion was scattered across WhatsApp groups, with no real-time data or sentiment signals.

## WHAT WE BUILT

Built stocktalk.co.za end-to-end - Next.js platform with live JSE prices, community feeds, Sentiment Index, Stripe-billed Premium, and AI email digests.

## THE ROLE

Product, full-stack engineering, cloud deployment, analytics, and ongoing production operations.

## BY THE NUMBERS

340+

JSE stocks

99.99%

Up-time

6

Integration Partners

## TECH STACK

Next.js

React

PostgreSQL

Prisma

Stripe

Claude API

SendGrid

GA4

AWS

# National Matching Platform

Company Name  
Confidential

*Legacy virtual servers → modern AWS cloud, with ongoing operations.*

## THE CHALLENGE

A regulated-industry client was running outdated production application on aging virtual infrastructure with an unresponsive legacy provider – unstable application, poor visibility, slow provisioning, and no modern DR strategy.

## THE ENGAGEMENT

Gathered requirements and designed the application architecture from the ground up, audited every VM and dependency, engineered a target-state AWS environment with right-sized EC2 and VPC segmentation, executed a phased migration with validation at every step, then assumed full 24/7 production operations.

## DELIVERY PHASES

- 1 Discovery**  
App requirements mapping, VM audit, dependency mapping, risk surface
- 2 Design**  
App design, AWS architecture, right-sized cloud platform
- 3 Migrate**  
Phased cutover, validation, rollback procedures
- 4 Operate**  
24/7 monitoring, alerting, managed services

STACK:



WHY CLOUD FORCES

# The difference is ownership.

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## We build AND run

Most agencies hand off after launch. We stay. Your production environment is our responsibility.

## Senior-level execution

No junior hand-offs. The people who design the architecture write the code and deploy it.

## Modern by default

AI-native services, cloud-native infrastructure, current frameworks. No legacy baggage.

## Responsive & direct

You call, we answer. That's the whole model.

# Let's build something great.

A new application from scratch, a cloud migration, or a reliable team to keep your production infrastructure running - we're ready when you are.

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**WEBSITE**

[cloudforces.ca](https://cloudforces.ca)

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