

corzent x POWOUR

Powour, a sustainable mobility platform built to last

The Powour Story | Scaling with Confidence



From early-stage app to funded & scaling



01

Phase
Approach



02

Senior
Engineer to Start



03

Person Team Today

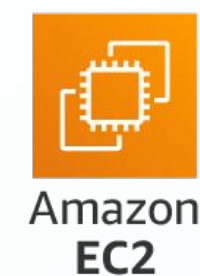
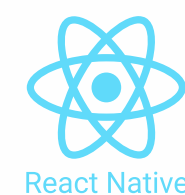
Meet Powour

Rewarding Sustainable Mobility

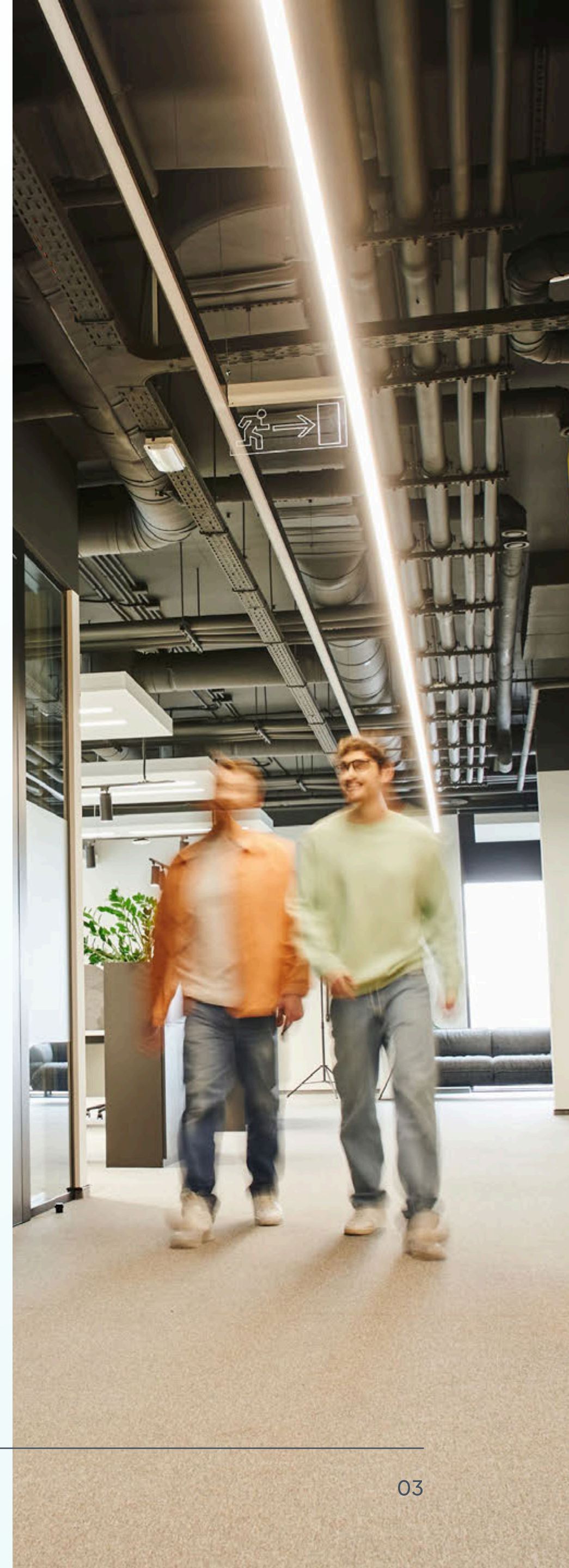
Powour is an Australian-based wellbeing and engagement platform that tracks everyday movement — driving, walking, cycling, and public transport — to help individuals and organisations understand their mobility CO₂ footprint. The app rewards users for making sustainable transport choices, turning everyday activity into measurable environmental impact.

Built on React Native with a Node.js API backed by MongoDB and deployed on AWS, Powour integrates Sentiance's transport detection SDK to automatically classify travel modes and measure driving behaviour

Tech stack:



sentiance



The Challenge

A Product Ready to Level Up

Powour's product had been built fast to validate the concept — and it worked. But as the platform grew, the original architecture needed strengthening across security, infrastructure, and mobile. The founders initially approached Corzent for help but held off due to timing. When they were ready to invest in production-grade engineering, they came back.

Security Hardening Needed

Database access, secrets management, and API security required tightening for production scale

Mobile App Modernisation

React Native upgrade needed alongside token handling, CI/CD, and crash reporting

Infrastructure Maturity

Network architecture, observability, scaling patterns, and environment separation needed attention

The Solution

A Two-Phase Approach

Rather than rushing into development, we took a deliberate, trust-building approach — starting with understanding the full technical landscape before writing a single line of new code.

● Technical Due Diligence PHASE 1

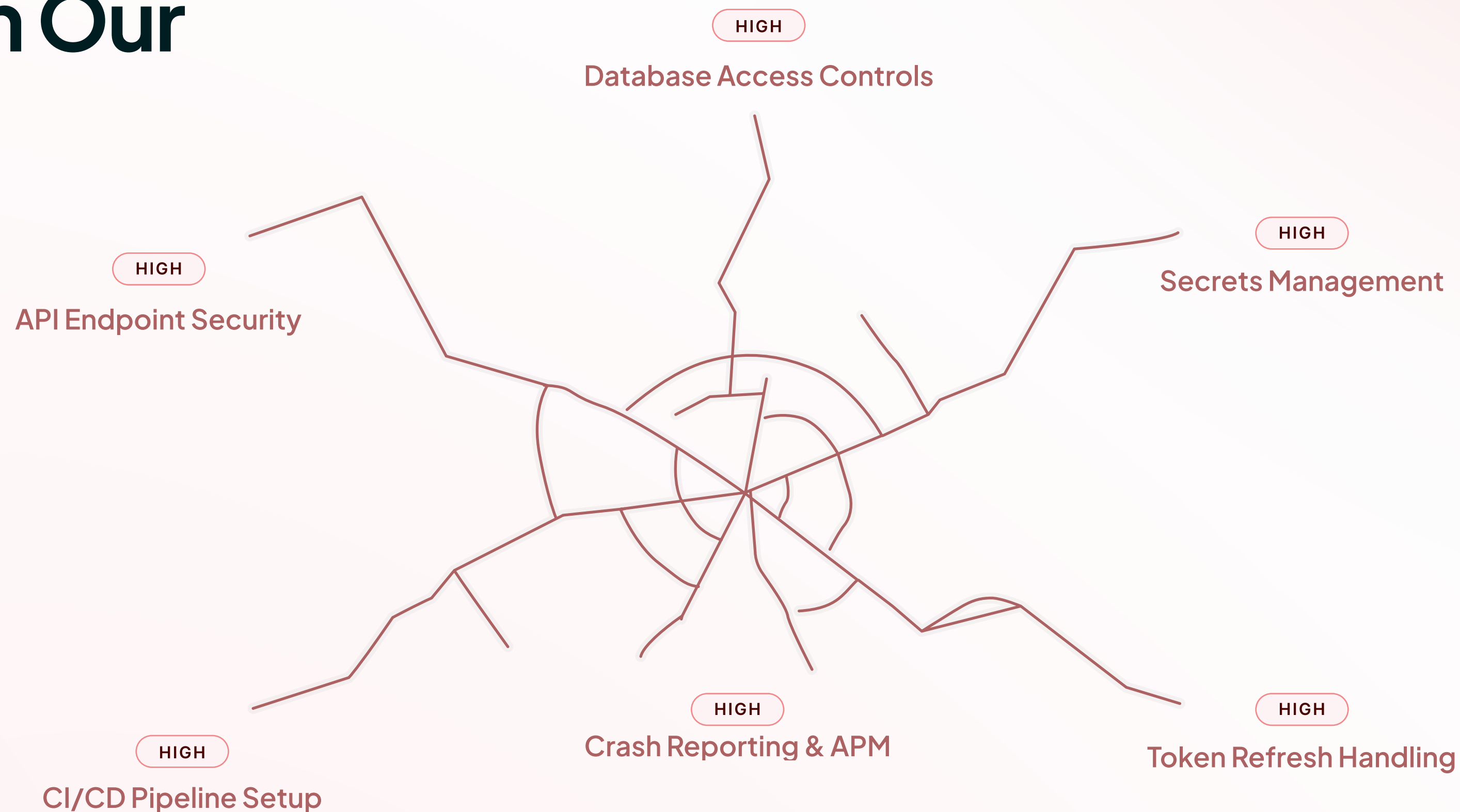
We conducted a comprehensive technical review aligned to the AWS Well-Architected Framework, customised for Powour's context and scale. This covered architecture, the mobile app, API security, cloud governance, and incident management - surfacing 6+ high-risk findings across the system.

● Targeted Engineering PHASE 2

We started with a single senior mobile engineer — deliberately lean. The goal was to address the most priority items from the review first, then methodically address each area to bring the product back to a stable, usable state before scaling the team.

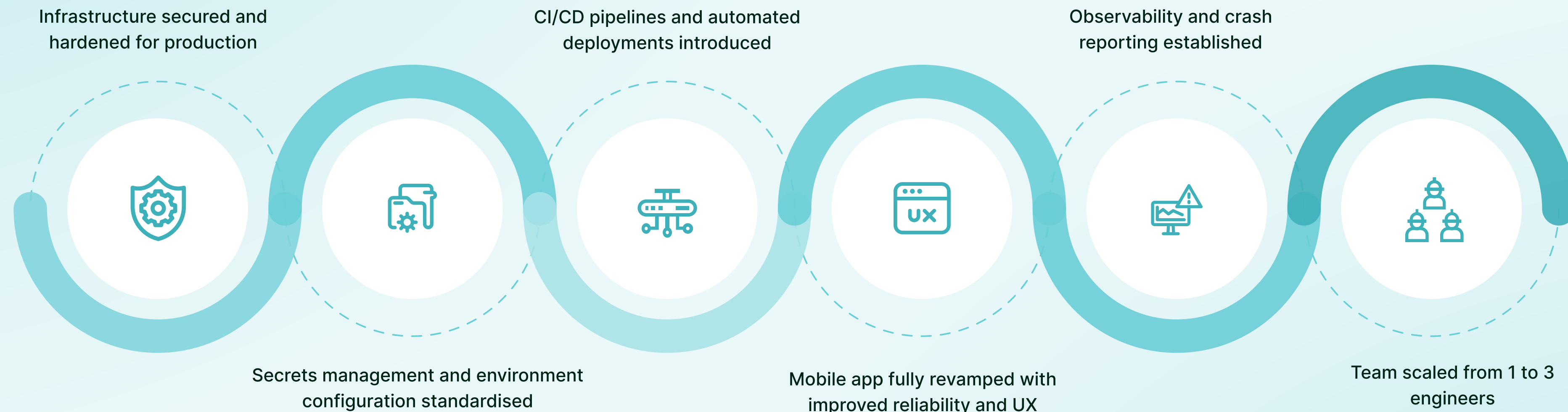


Key Findings from Our Technical Review



From Triage to Full Mobile Revamp

With the review complete, our senior engineer began stabilising the product. Once the critical foundations were solid, we moved to a full revamp of the mobile application — delivering a polished, production-ready experience.



The Result

A Cohesive, Purpose-Built Experience

The revamp touched every core journey - from onboarding and trip tracking to group summaries and the rewards system. We rebuilt the interface around clarity and momentum, giving users an experience that feels intentional at every tap. Each screen now reinforces Powour's core idea: that movement matters, and every trip counts toward something real.



A Product Rebuilt for Growth

The collaboration between Corzent and Powour took an early-stage product carrying scale debt and re-engineered it for production.



Secured Funding

Product stability gave investors confidence to back Powour's next growth phase



Team Scaled

Grew from a single senior engineer to a 3-member dedicated team



Production Stable

From a barely-functional app to a reliable, polished product in the App Store

Diagnose First, Then Build Right

When a startup comes to us ready to scale, the temptation is to start rewriting immediately. Instead, we invest in understanding the system first. A structured technical review builds trust with the client, creates a shared understanding of priorities, and ensures every hour of engineering effort is directed at what matters most.



Start lean

One senior engineer, high-impact improvements first



Build trust

Transparent review before a line of new code



Scale with confidence

Expand the team only once the foundation is solid



Corzent is a collaborative, people-first, digital product engineering company, empowering businesses of all sizes to build and scale. Established in 2021 and headquartered in Sri Lanka with a regional centre in UAE, Corzent leverages its expertise in UX/UI design, prototyping, SaaS & mobile development, to help clients seamlessly integrate their existing teams with our staff augmentation and dedicated development services.

For inquiries please reach hello@corzent.com