



Tech That Stays.

Partners Who Don't Disappear.



GLOBAL PRESENCE. LOCAL IMPACT.

One unified team across regions, ensuring your projects never lose momentum.





GLOBAL OFFICES. ONE ALIGNED TEAM.

Different regions, one culture of quality, transparency, and partnership.

24/7 Coverage Across Time Zones





THE PEOPLE WHO POWER COLLATZINC

A team united by clarity, craftsmanship and a genuine drive to build great work.



BUILT BY PEOPLE WHO CARE

Driven By Outcomes That Matter

Collatzinc began with a simple belief: technology should help growing businesses move faster. We combine strong engineering with a partnership mindset because real solutions come from understanding the problem before writing the first line of code.



The People Behind The Code

Richie Nangle — Co-founder and CEO

A builder with real operating experience. As CEO of Food Village in Ireland, Richie leads a platform that serves thousands of users every day. His background in scaling products and running operations brings clarity, discipline, and grounded decision-making to every Collatzinc engagement.

Suman Ghosh — Co-founder and CTO

With more than 25 years across fintech, healthcare, and SaaS, Suman specialises in turning complex problems into dependable systems that scale. His work ranges from AI-driven automation to cloud platforms that support millions of transactions. He builds technology that stays relevant as businesses evolve.

Sumita Ghosh — Co-founder

She leads strategy, people, culture, marketing, and the delivery experience. Sumita builds strong teams, aligns operations across regions, and ensures that communication, design, and client experience reflect the quality Collatzinc stands for. She brings cohesion to the way we build and the way we work.

The Team That Makes It Happen

We are a team that believes meaningful work starts with understanding. Our engineers, designers, and AI specialists take the time to learn the problem, shape clear solutions, and build with intention. Everyone brings their own expertise, but we operate as a cohesive unit that thinks together, reviews together, and improves together.

Curiosity drives how we work. We ask the right questions, challenge assumptions, and stay attentive to the details that shape real-world performance. Ownership is part of our culture. If something needs attention, we address it. If something can be refined, we refine it.

What guides us is simple. We want the systems we build to feel solid and reliable. We want our clients to feel supported at every stage. And we want each project to reflect the care and clarity that define Collatzinc.

How We Work

We stay transparent. We communicate clearly. We deliver on time.

And we remain present after launch because strong partnerships do not end at deployment.

THE COLLATZ DIFFERENCE

Leaders pick Collatz for founder-mindset delivery and clear accountability.

Fast, stable execution; smart innovation; and engineering that protects your vision — no compromises.



Radical Transparency

Our **'Glassbox Promise'** - You see it all

- We don't just report progress — we architect visibility into every delivery.
- The framework removes assumptions and highlights what matters: priorities, risks, and outcomes in real time.
- Leaders gain strategic clarity. Blind spots shrink. Surprises disappear.

Clients using Glassbox make faster decisions, catch issues earlier, experiencing no delivery surprises.



Seamless Global Collaboration

Time zones don't slow us down.

- We align key hours to work together in real time for discussions and decisions.
- Async workflows turn time differences into an advantage, keeping your project moving seamlessly around the clock.
- Our teams communicate in fluent English, bridging clarity with cultural understanding.

98.5% client satisfaction. Zero timezone delays.



Built for Sustainable Speed

Fast, not fragile.

- We move fast without compromising stability — every release is built to last.
- Clean code and smart automation prevent technical debt before it begins.
- With each sprint, your platform grows stronger, evolving instead of aging.

We've delivered hundreds of releases with 99%+ uptime and zero critical rollbacks.



Real Experts. Zero Lag

No bench warmers. No learning curve.

- 5+ years average experience — your project gets architects, not interns.
- Our R&D lab tests emerging tools so your product uses proven technology.
- Fixed sprint commitments with penalty clauses for missed deadlines.

A team of experienced engineers delivering consistently, with zero client escalations.

Our Technology Backbone

From concept to deployment — the full stack that powers Collatzinc's delivery.



UI/UX & Brand Design

Pixel-perfect interfaces and memorable brand identities — designed for impact.



Custom Web Development

Full-stack engineering — from responsive interfaces to scalable server architectures.



Mobile App Development

Native performance with cross-platform efficiency — built for every screen.



eCommerce Solutions

End-to-end commerce platforms — from storefront to checkout to scale.



Cloud & DevOps

Infrastructure that scales under pressure, delivering 99.99% uptime.



AI & Data Intelligence

From machine learning to automation — engineered for decision intelligence.



IoT & Connected Systems

Intelligent ecosystems where devices, data, and decisions connect seamlessly.



Quality Engineering & Testing

Precision-tested at every layer — ensuring each release strengthens your product, not breaks it.

UI/UX & Brand Design

Pixel-perfect interfaces and memorable brand identities — designed for impact.

Graphics & Identity

Design with intent. Where clarity leads creativity.

Design & Prototyping

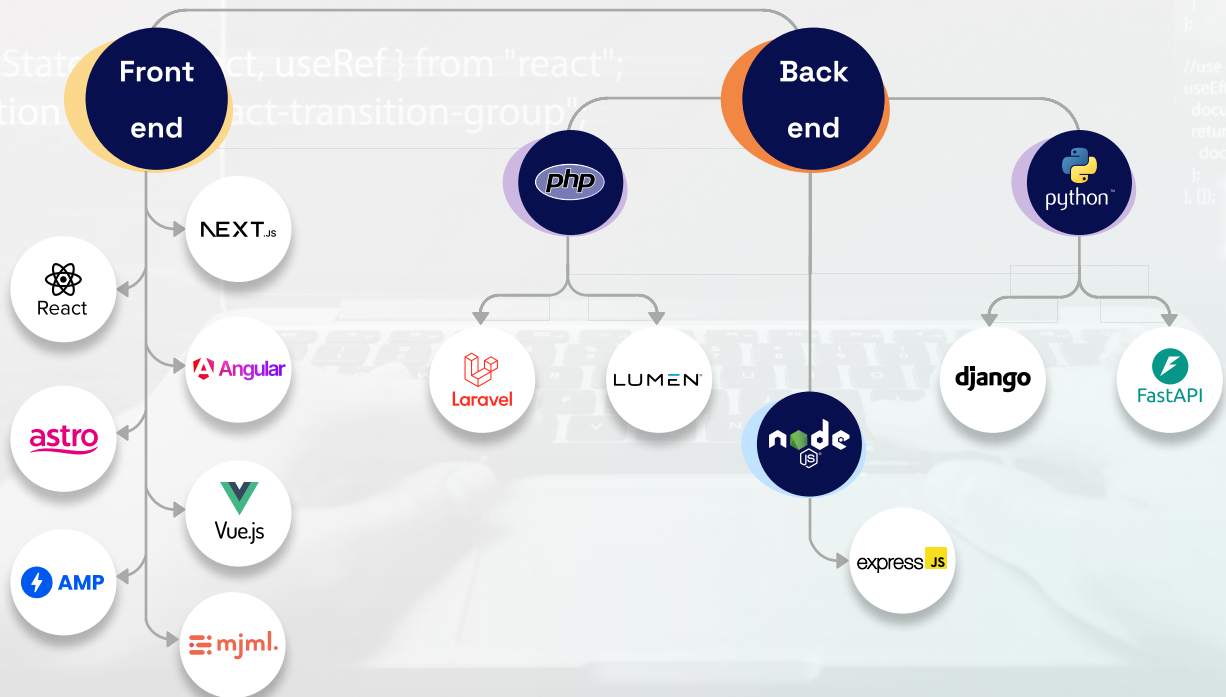
Built for impact. Visuals that drive engagement.

Motion & Animation



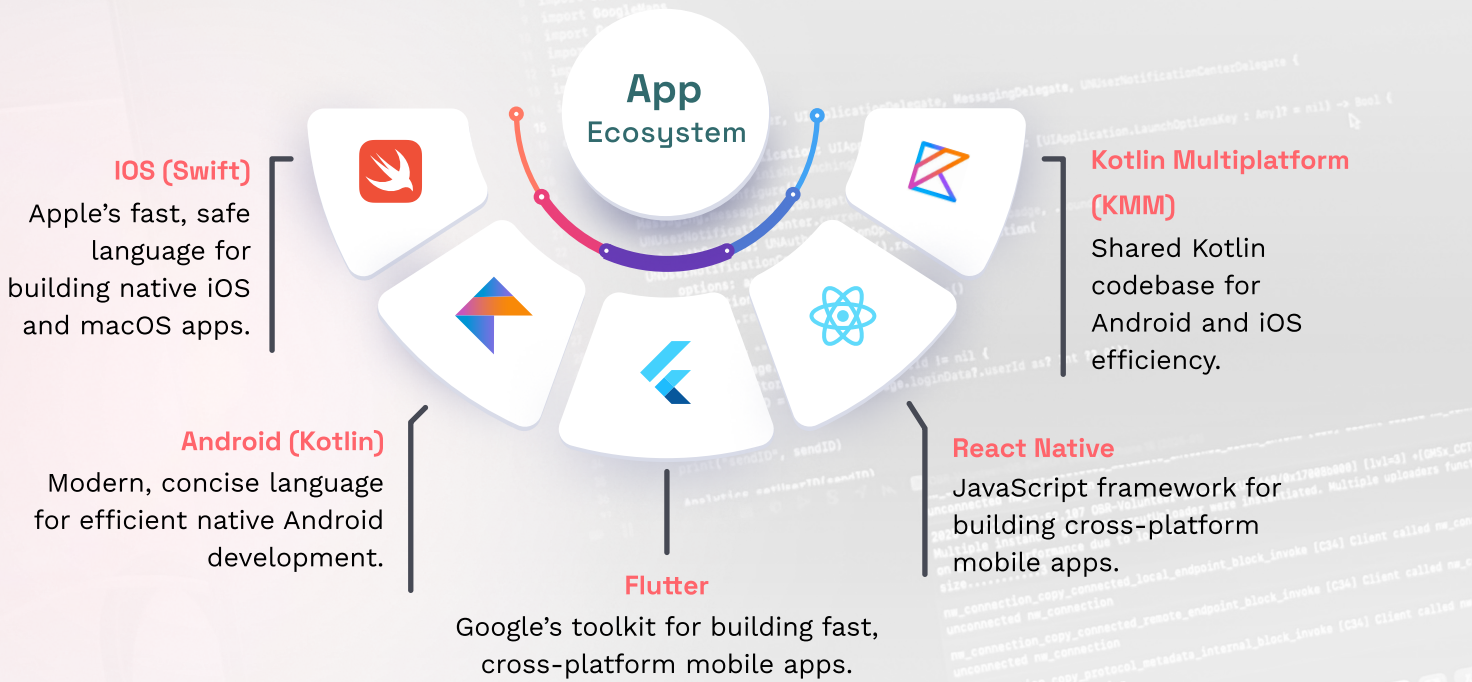
Custom Web Development

Full-stack engineering — from responsive interfaces to scalable server architectures.



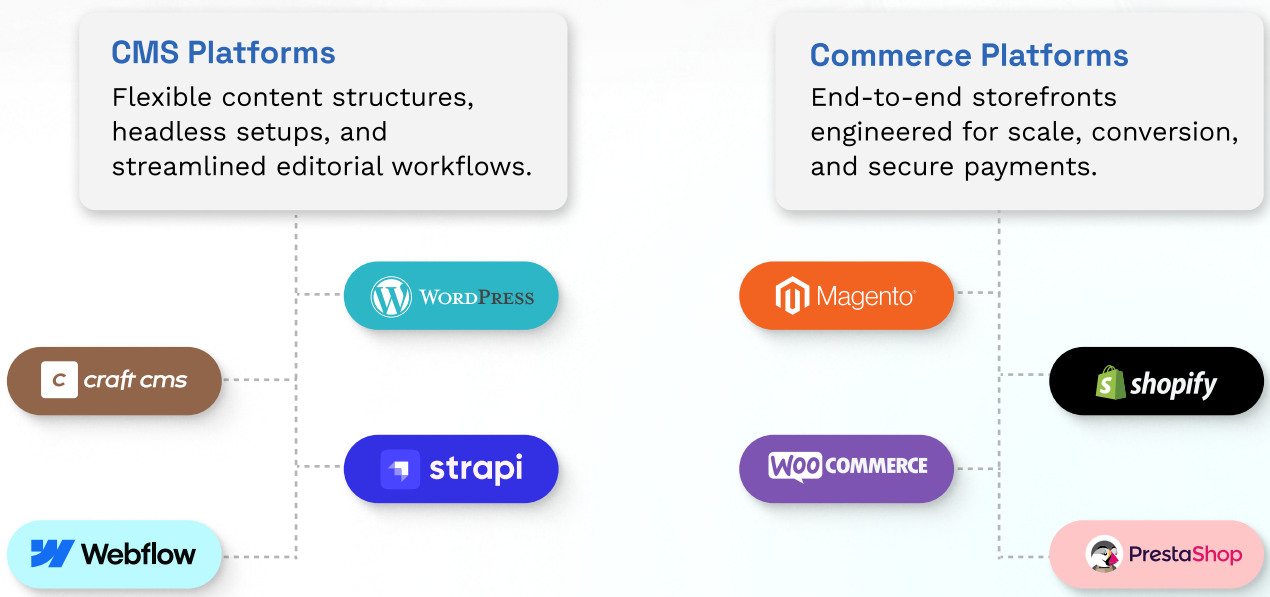
Mobile App Development

Delivering high-performance native and cross-platform apps — fast, scalable and built for every screen.



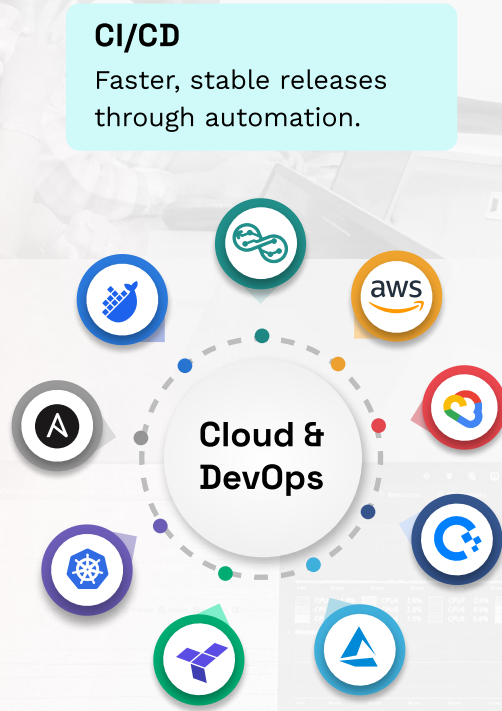
CMS & E-Commerce Solutions

End-to-end systems for managing content and commerce.



Cloud & DevOps

Infrastructure that scales under pressure, delivering 99.99% uptime



Docker
Seamless containerisation for apps.

CI/CD
Faster, stable releases through automation.

AWS
Elastic, reliable infrastructure for scale.

Ansible
Streamlined automation for reliable deployments.

Google Cloud
Secure, data-driven cloud innovation.

Kubernetes
Automated, scalable container orchestration.

Digital Ocean
Simple, speedy developer hosting.


Terraform
Automated, scalable container orchestration.

Azure
Hybrid cloud for agility and compliance.


AI & Data Intelligence

From machine learning to automation — engineered for decision intelligence.


Frameworks & ML




PyTorch



TensorFlow



scikit-learn



python™

Data & Analytics



pandas



matplotlib



seaborn



amazon QuickSight



Power BI

Automation



crewai



LangChain



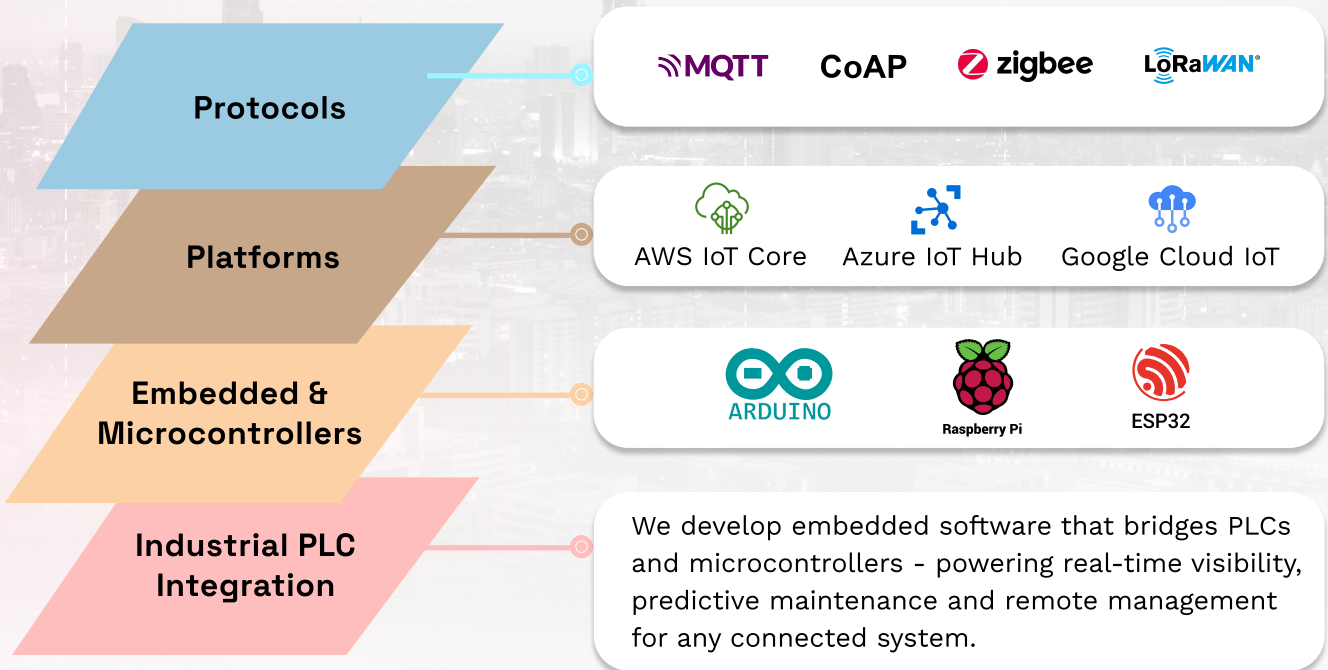
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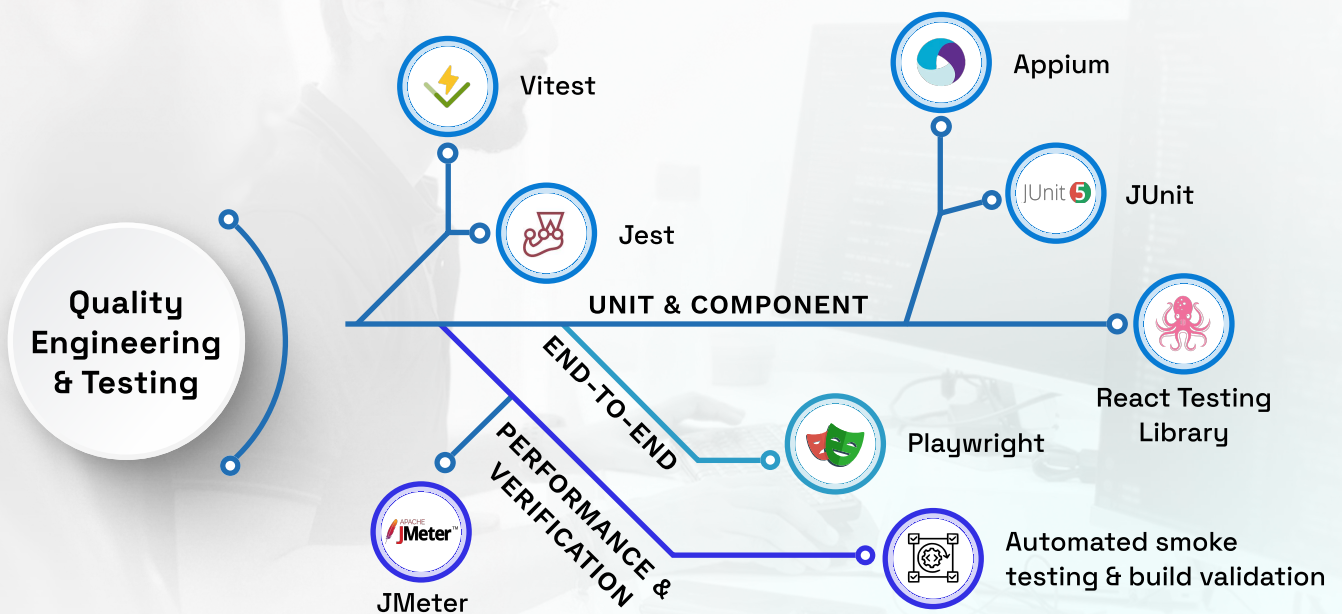
IoT & Connected Systems

From embedded boards to industrial PLCs — building ecosystems where intelligence meets control.



Quality Engineering & Testing

Precision-tested at every layer — ensuring each release strengthens your product, not breaks it.





HOW WE STRUCTURE PARTNERSHIPS

Three models. Clear outcomes. No surprises.

Fixed-Scope Projects

Timeline: 1 week to 6 months

Best for:

- MVPs and prototypes
- Feature releases or redesigns
- Projects with clearly defined scope

You get:

- ✓ Fixed budget
- ✓ Predictable timeline
- ✓ Milestone-based delivery

Dedicated Team Retainer

Structure: Monthly retainer with a committed team

Best for:

- Continuous product development
- Multi-quarter roadmaps
- Teams needing consistent development velocity

You get:

- ✓ Predictable monthly cost
- ✓ A team that knows your product deeply
- ✓ Priority response and faster turnaround

Hybrid Support Model

Timeline: 1 week to 6 months

Best for:

- Live products in active use
- Ongoing maintenance with periodic feature releases
- Teams needing stability with occasional scale

You get:

- ✓ Cost-efficient baseline support
- ✓ Scale only when needed
- ✓ Balance of predictability and flexibility

Not sure which model fits?

Let's discuss your project and recommend the best approach.



EXPERTISE BUILT ACROSS DIVERSE MARKETS AND ECOSYSTEMS.

Whether you're launching or scaling, we've solved the technical challenges specific to your industry.

	<p><i>E-commerce & Digital Retail</i></p> <ul style="list-style-type: none"> • Product catalogues • Checkout optimisation • Payment gateway integration • AI-driven recommendations • Demand forecasting • Inventory intelligence 		<p><i>Logistics & Supply Chain</i></p> <ul style="list-style-type: none"> • AI-powered fleet optimisation • IoT sensor integration • Predictive ETAs • Real-time tracking • Route optimisation • Warehouse management
	<p><i>Fintech & Financial Services</i></p> <ul style="list-style-type: none"> • Payment processing • Multi-currency systems • KYC/AML compliance • AI-driven fraud detection • Automated regulatory reporting • Transaction monitoring 		<p><i>Healthcare & Wellness</i></p> <ul style="list-style-type: none"> • HIPAA-compliant patient portals • Appointment scheduling • AI-assisted triage • Clinical insights • Electronic health records
	<p><i>Hr Tech & Workforce Management</i></p> <ul style="list-style-type: none"> • Time & attendance tracking • Payroll integration • Shift scheduling • AI-powered workforce forecasting • Performance analytics • Self-service portals 		<p><i>Food Service & Hospitality</i></p> <ul style="list-style-type: none"> • POS integration • Order aggregation • Menu management • Predictive demand analytics • Waste reduction optimisation • Kitchen workflow automation
	<p><i>Education & E-Learning</i></p> <ul style="list-style-type: none"> • Learning management systems • Assessment tools • Student portals • Adaptive learning paths • Performance analytics • Progress tracking dashboards 		<p><i>Real Estate & Proptech</i></p> <ul style="list-style-type: none"> • Property listings • Tenant management • CRM integration • AI-driven lead scoring • Predictive maintenance • Automated rent collection

WHAT OUR CLIENTS SAY

Partnerships that power progress.



Collatz Inc is the **“Backbone”** of our fully integrated, end-to-end software ecosystem.

Their engineering capability helped us build predictive AI, real-time operations, and a national-scale food service platform that works in the real world.

— Colin Reynolds, CTO, Food Village

A dependable long-term partner with strong technical depth and real understanding of our industry. Collatz consistently delivers



— Kent Rockwell, CEO, Universal Registered Agents

Consistently delivers on time with excellent project management and reliable quality.



— Jeremy Bruce, CTO, Operation BBQ Relief

Reliable on every mission-critical build. Fast, flexible, and strategic — exactly the dev team you want for long-term systems.



— Patrick J. Eyberg, Executive Vice President, URA

****Trusted across diverse industries—including confidential projects for US federal programmes.****

Awarded for the Food Village ecosystem built in partnership with Collatzinc.



Trusted by SMEs, startups, and mission-driven teams across the US, Ireland, India and the UK.



WHY COMPANIES CHOOSE COLLATZ INC



Trusted Expertise

30+ years of combined engineering experience with a track record of reliable delivery.



Affordable Excellence

High-quality solutions designed to maximise value without inflating costs.



Full-Spectrum Capability

End-to-end services across AI, automation, full-stack development, cloud, mobile, and SME-focused platforms.



Milestone-Driven Delivery

Clear plans, predictable timelines, and on-time execution at every stage.



AI Built for SMEs

Practical, domain-aligned AI that brings enterprise-grade capability to growing businesses.



Deep Market Insight

Context-aware solutions shaped by local and global operational understanding.



Glassbox Transparency

A fully transparent build process—no black boxes, no surprises.



Clear, Seamless Communication

Multi-timezone collaboration with responsive communication across global teams.



Local Presence, Global Strength

On-ground teams in India, Ireland, and the USA supported by global engineering power.



A Partner You Can Rely On

Stable, long-term relationships built on consistency, trust, and outcomes.

What We've Delivered

- 90,000+ users supported • 99.97% uptime • 30%–70% efficiency gains
- 95% reduction in manual ops • Multi-region deployments • Compliance-first builds



[View Our Services](#)



Ready to Transform Your Business?

Turning complexity into competitive advantage — that's the Collatzinc promise.



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Consultation

