



CLOUDH**EW**

Engineering **Modern**

Digital Enterprises

Data | AI | Cloud | Application Engineering | Staffing

ABOUT US

Cloudhew is your partner in data driven digital transformation

We are a leading digital engineering firm, empowering enterprises to innovate and thrive in the modern digital landscape. Our expertise transforms complex challenges into elegant, scalable solutions.



Data & Analytics

Unlock insights with advanced data engineering and analytics solutions.



AI & Machine Learning

Harness intelligence to automate, predict, and drive business growth.



Cloud & Platforms

Build resilient, scalable infrastructure on leading cloud platforms.



App Development

Create intuitive, high-performance applications for any device.



To create a world where every enterprise operates with **cloud-native intelligence** - a seamless blend of AI-driven decision-making, automated workflows, and real-time data insight.

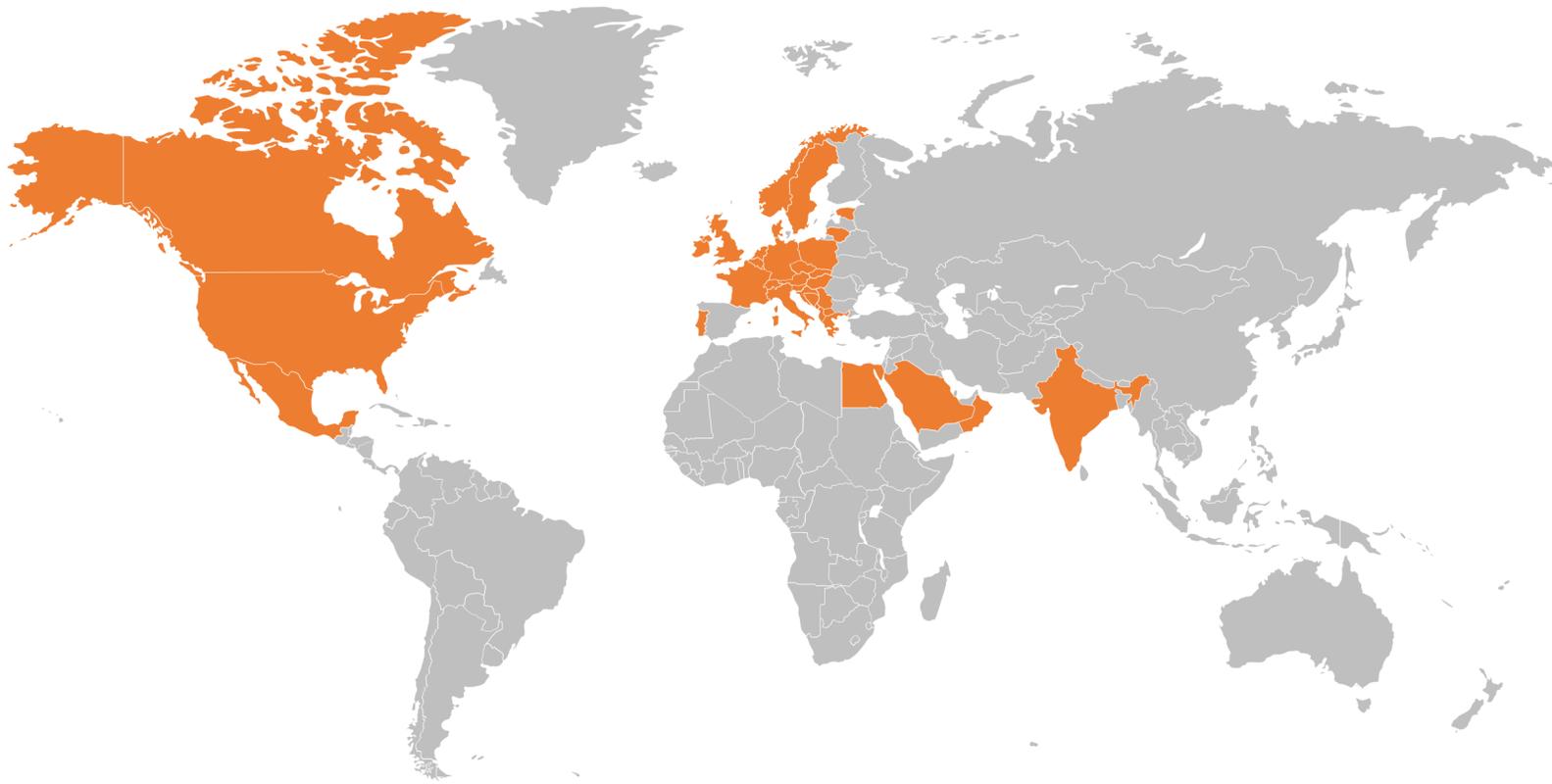
OUR VISION



To help organizations harness the full power of **AI, automation, and analytics** to unlock performance, reduce complexity, and build intelligent, future-proof IT ecosystems.

OUR MISSION





Regional Presence & Delivery Model

United States: California, Delaware

India: Bengaluru, Mangaluru & Coimbatore

Service Coverage: North America, Europe, Middle East, India

Our delivery model ensures centralized excellence with regional presence for optimal proximity, responsiveness, and scale.

W W W . C L O U D H E W . C O M



Global Excellence Centre

Bengaluru, India: Our primary delivery hub for AI, Data, Cloud, and Engineering.

- Centralized teams ensuring quality, governance, and scalability.
- Supports global clients with consistent delivery standards.
- 24×7 service across time zones
- Access to senior, production-grade engineering talent.
- Strong process maturity aligned with enterprise delivery

Certifications, Partnerships & Industry Recognition Recognized for Innovation. Certified for Excellence.

Strategic Partnerships



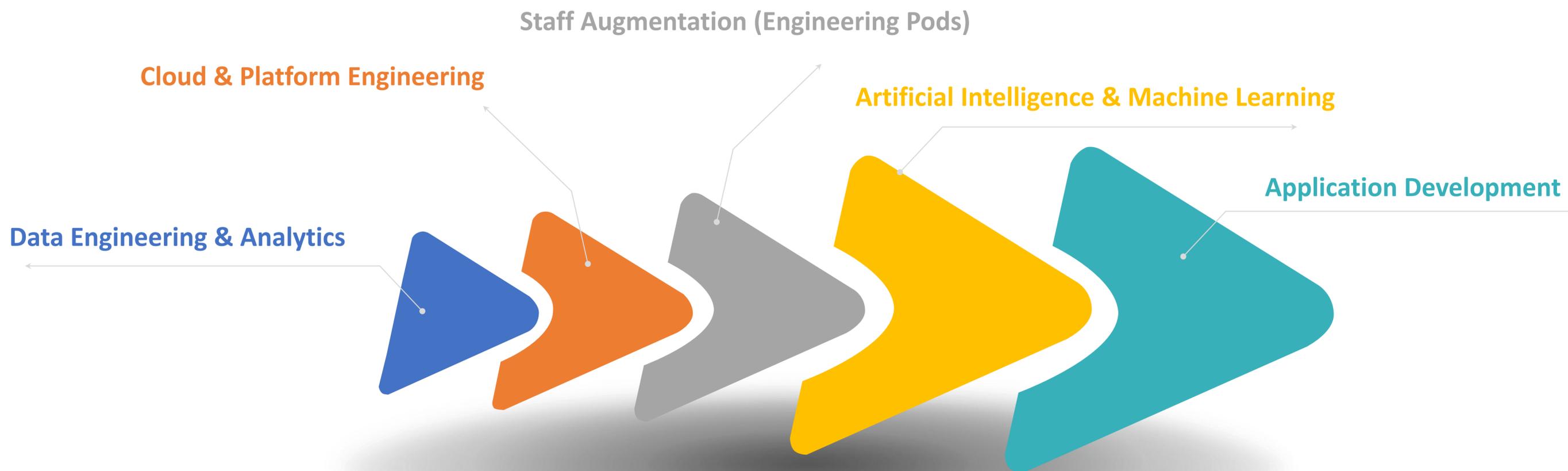
Certifications & Standards



Every certification, partnership, and award represents our commitment to secure, responsible, and scalable transformation.



Services Offered
End – to – End Technology Capabilities



DATA ENGINEERING & ANALYTICS

Turning Enterprise Data
into Actionable Intelligence



DATA ENGINEERING & ANALYTICS



Data Modernization

Modernize. Automate. Scale.

Modernization strategy & cloud roadmap
Zero-downtime data migration
Automated data pipelines
Governance, compliance & AI insights



Data Warehousing

Build a Single Source of Truth

Cloud warehouse architecture
Scalable, secure platforms
Automated ETL / ELT
Managed performance optimization

Predictive & Prescriptive Analytics

From Insight to Action

Predictive models & forecasting
Prescriptive optimization
Real-time data integration
MLOps, Predictive BI, GenAI, & AIOps

DATA ENGINEERING & ANALYTICS

HOW ?
We Do

Assess

Understand the current state

- Evaluate data landscape & define KPIs
- Design modernization roadmap & cloud strategy

Outcome: Analytics-ready data foundation

Predict

Leverage AI and ML for foresight

- Enable predictive & prescriptive analytics
 - Apply ML models on centralized data

Outcome: Proactive, intelligent insights

Modernize

Transform and centralize your data

- Modernize legacy data platforms
- Build scalable data warehouses & automated pipelines

Outcome: Unified, cloud-native data platform

Optimize

Govern and scale continuously

- Monitor pipelines, data quality, and performance
- Improve cost efficiency and compliance

Outcome: Sustainable, future-proof data ecosystem

Visualize

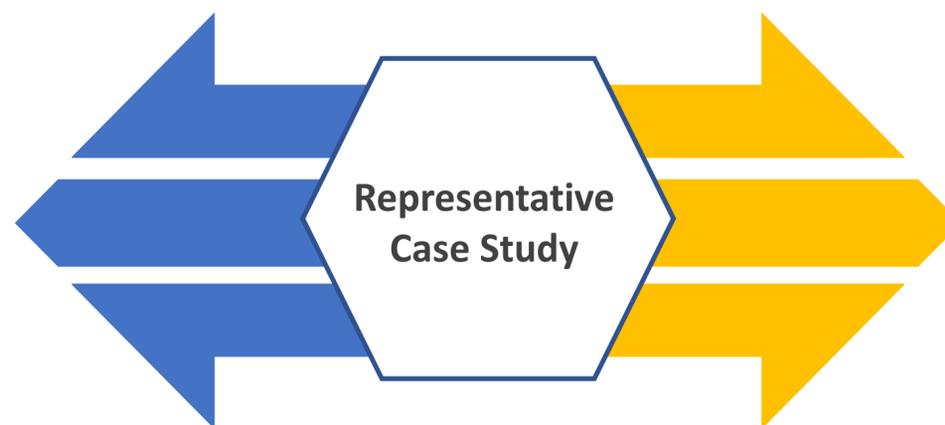
Turn data into business intelligence

- Create dashboards and self-service analytics
- Standardize KPIs across teams

Outcome: Faster, data-driven decisions



DATA ENGINEERING & ANALYTICS



Enterprise BI & Reporting (Flex Connect)	Data & Application Migration (US Banking – MRAP)	Data Migration & Modernization (UAE Public Sector)
Context	Context	Context
Highly regulated enterprise environment requiring standardized, real-time reporting from multiple sources.	Large US banking institution operating on legacy on-prem infrastructure with strict BFSI compliance requirements.	Public sector organization running critical workloads on outdated storage and data platforms, hindering efficiency and scalability.
Solution	Solution	Solution
Built a centralized data model, implemented Power BI reporting standards with role-based access, and automated data refresh, validation, and compliance dashboards.	Designed a cloud migration roadmap and readiness assessment, migrated data and applications to cloud with zero downtime, and implemented a secure, governed cloud data architecture.	Modernized legacy data infrastructure with phased migration, ensured data integrity, security, and high availability, and optimized performance and scalability of data systems.
Outcome	Outcome	Outcome
Faster compliance and performance reporting, reduced manual effort, and real-time visibility for leadership decision-making.	Achieved 100% regulatory and audit compliance, zero business disruption during migration, and established a scalable cloud foundation for future analytics and growth.	Experienced zero data loss, improved system reliability, enhanced performance and operational stability, and created a future-ready data platform supporting modernization initiatives.

ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

Turn Artificial Intelligence into Measurable
Business Advantage





Design Intelligent, Scalable, and Trustworthy AI Systems

Custom ML Models

Predictive, prescriptive, and domain-specific ML for real-world decisions.

01

04

Computer Vision & NLP

Image, video, and language intelligence for operations & interaction.

AI-Driven Automation

Intelligent workflows replacing manual and repetitive enterprise processes.

02

05

MLOps & AI Infrastructure

Secure, compliant, and scalable AI deployment across cloud and hybrid.

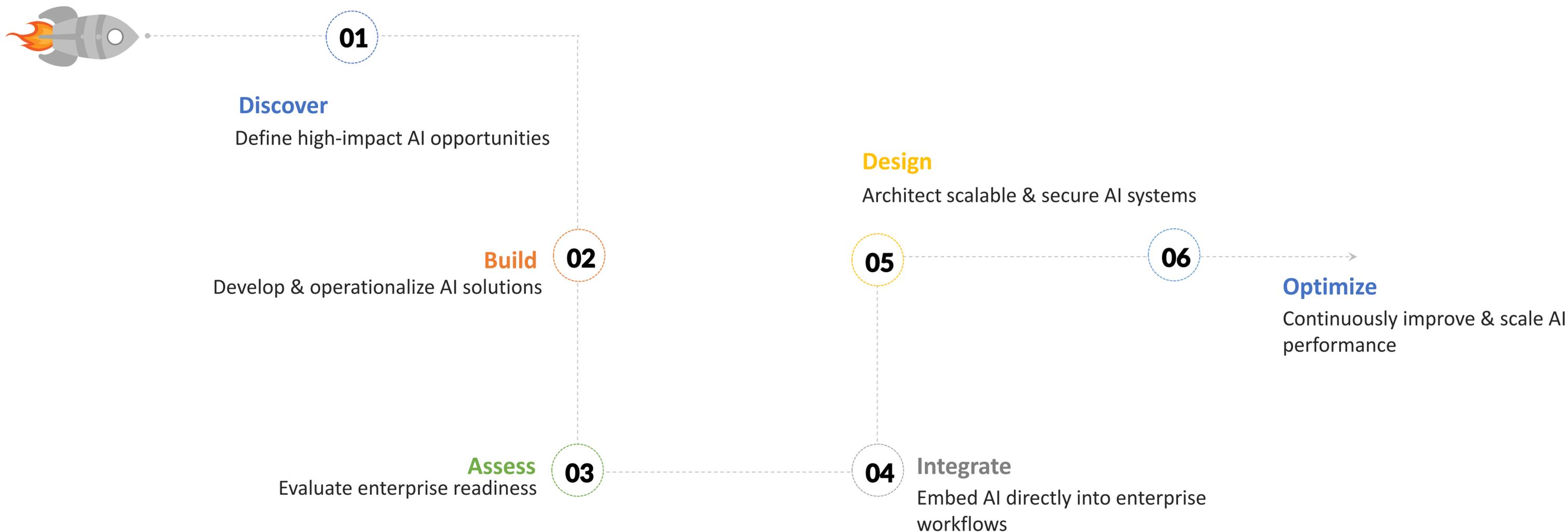
Generative AI & LLM Solutions

Enterprise copilots, AI agents, and RAG-powered GenAI.

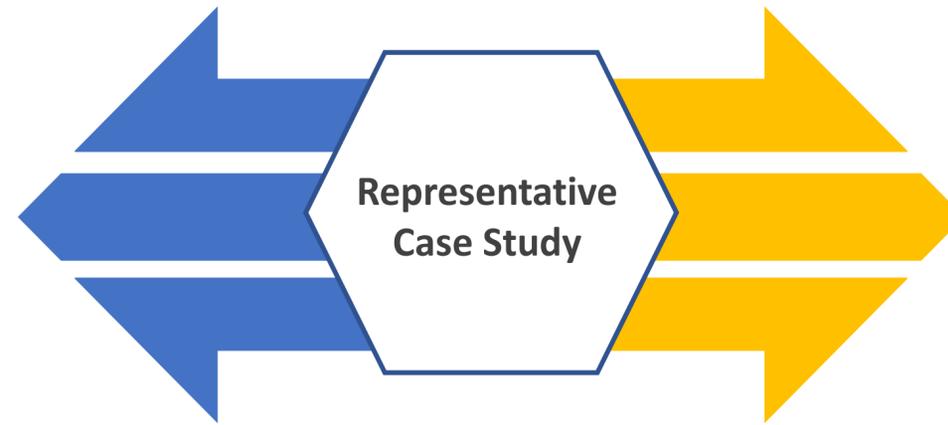
03



CloudHew applies a structured, enterprise-ready blueprint across all AI initiatives - from ML and GenAI to large language models and automation.



AI & ML



OCR & Document Intelligence

Context

Enterprises struggled with manual processing of scanned documents, forms, and PDFs, leading to bottlenecks, high error rates, and slow workflows.

Solution

CloudHew built an AI-powered OCR pipeline that converts any document format into clean, structured data, supporting multilingual inputs and direct API integration.

Outcome

Clients achieved up to 95% reduction in manual errors, 10x faster document workflows, and real-time data capture.

AI-Powered Fraud Detection

Context

A Payments facilitating client needed robust detection of fraudulent transactions across payment channels while maintaining strict AML/KYC compliance.

Solution

Implemented a hybrid fraud detection engine combining deterministic rules and ML-based anomaly detection for real-time validations and fraud scoring.

Outcome

Delivered 85–90% fraud detection accuracy, <15% false positive rate, and 30–40% fraud loss reduction, significantly reducing manual review effort.

Agentic AI for Healthcare Transcription

Context

Doctors spent excessive time documenting consultations, reducing patient interaction. Hospitals needed real-time transcription with clinical context and system integration.

Solution

Deployed an Agentic AI consultation pipeline for real-time speech-to-text, clinical entity extraction, automated note generation, and secure FHIR/HL7 integration.

Outcome

Enabled instant clinical documentation, improved accuracy, and allowed doctors more time to focus on patient care, creating a continuously learning AI infrastructure.

NLP Chatbot with Hyper-Personalization

Context

Retail, banking, and e-commerce desired improved customer engagement and automated support with personalized experiences at scale.

Solution

Developed a RAG-powered AI chatbot integrating customer profiles, purchase history, and enterprise data to deliver real-time personalized recommendations and contextual responses.

Outcome

Drove a 20–30% increase in recommendation click-through rates, 35% improvement in customer satisfaction, and 25% reduction in support costs.

CLOUD & PLATFORM ENGINEERING

Build a resilient, automated, and AI- driven
infrastructure



CLOUD & PLATFORM ENGINEERING



Cloud Migration & Modernization

Migrate and modernize infrastructure using rehost, re-platform, or re-architect approaches with cloud-native services

Cloud Strategy & Architecture

Design cloud-native, hybrid, and multi-cloud architectures aligned to readiness, ROI, and scale.

Cloud Security, IAM & Compliance

Secure cloud platforms with Zero Trust, IAM, encryption, and DevSecOps controls.

Hybrid & Multi-Cloud Solutions

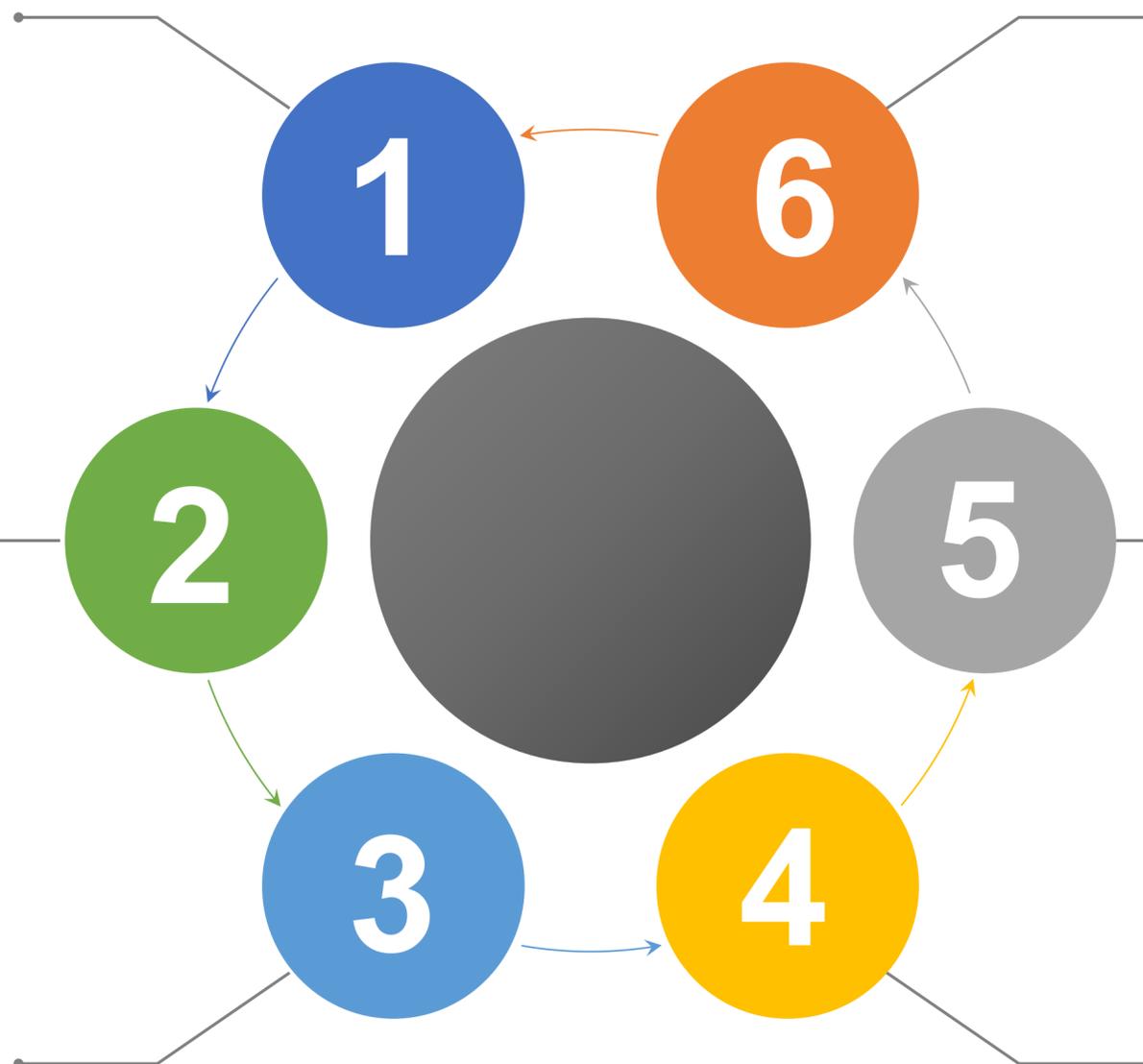
Build and operate resilient Azure, AWS, and GCP environments with portability and governance.

Managed Cloud & DevOps Services

Run, optimize, and automate cloud operations with 24x7 monitoring and SLA-driven support.

Computer Vision & NLP

Image, video, and language intelligence for operations & interaction.



CLOUD & PLATFORM ENGINEERING



Our comprehensive framework ensures a structured, secure, and optimized journey to the cloud and beyond.

1 Assess

Evaluate current infrastructure, applications, and security posture to define scope, risks, and migration priorities.

3 Design

Create cloud architecture blueprints covering workload placement, networking, security, scalability, and cost optimization.



Secure 2

Embed Zero Trust, IAM, encryption, monitoring, and compliance controls across the cloud and DevSecOps lifecycle.

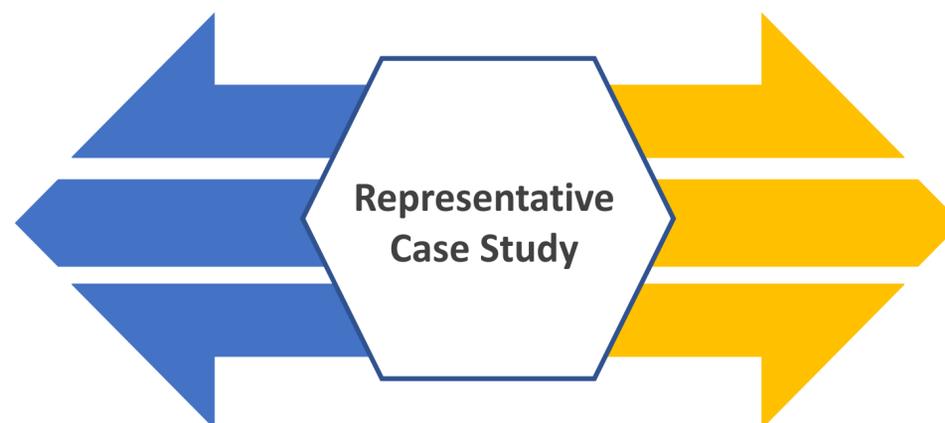
Operate & Optimize 4

Provide 24x7 operations, performance tuning, cost optimization, reliability engineering, and continuous improvement.

Build 5

Execute migrations and modernize infrastructure using cloud-native services, automation, containers, and DevOps pipelines.

CLOUD & PLATFORM ENGINEERING

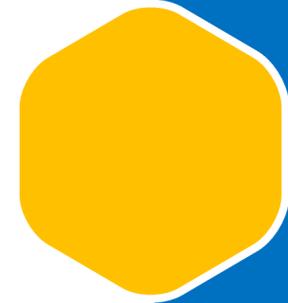


Explore how we've empowered diverse organizations to achieve robust, efficient, and secure cloud infrastructures.

Azure Migration: Accounting Firm	Multi-Cloud Managed Services: Insurance	AWS Greenfield Setup: Healthcare
Context	Context	Context
Outdated on-prem Tally led to performance and security issues.	Insurance firm struggled with multi-cloud governance and operational overhead across Azure, AWS, and Microsoft.	Healthcare provider needed a secure, scalable AWS foundation for high-volume transactions and real-time data.
Solution	Solution	Solution
Migrated to Azure with modern VMs, secure VPN, and optimized storage.	Implemented 24x7 managed services, centralized monitoring, IAM, and unified governance.	Designed multi-AZ AWS architecture with auto-scaling, secure networking, and VPN connectivity.
Outcome	Outcome	Outcome
100% uptime, 40% performance boost, 90% stronger data protection, scalable environment.	60% faster incident resolution, 50% operational efficiency, improved security and compliance.	30% higher throughput, sub-50ms latency, 100% security compliance, and rapid growth platform.

App Modernization & Migration: Logistics
Context
Global enterprise required migrating and modernizing applications from AWS to Azure, enhancing security and performance.
Solution
Re-architected apps, migrated databases, implemented CI/CD pipelines, and Azure-native security controls.
Outcome
100% successful migration, minimal downtime, 30–40% cost savings, improved resilience and observability.

AWS Cost & Security Optimization: Marketing
Context
Advertising firm faced rising AWS costs, underutilized resources, and limited visibility into spend and security.
Solution
Implemented AWS cost optimization, right-sizing, auto-scaling, and security posture management.
Outcome
30% cost reduction in 30 days, improved cost visibility, stronger security, and optimized AWS environment.



APPLICATION DEVELOPMENT

Empower Digital Transformation through
Innovation

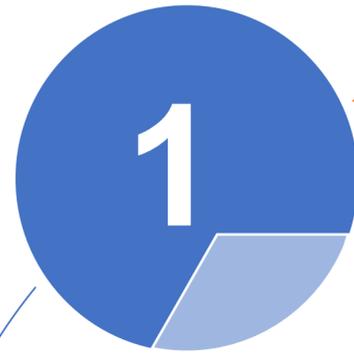


APPLICATION DEVELOPMENT



Mobile App Development

Build high-performance iOS, Android, and cross-platform apps for scale and engagement.



Enterprise Solutions

Create internal applications for workflow automation, reporting, and system integration.



Web App Development

Develop modern, secure, and scalable web applications for enterprise and customer-facing needs.



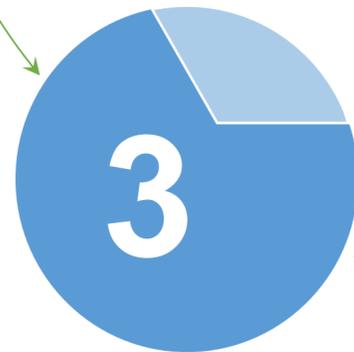
Application Modernization

Modernize legacy applications into cloud-native, resilient, and scalable platforms.



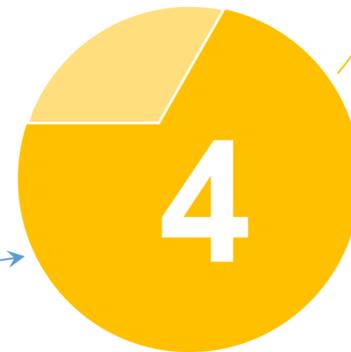
Backend, API & Integration

Build secure backends and APIs integrated with AI, analytics, and enterprise systems.



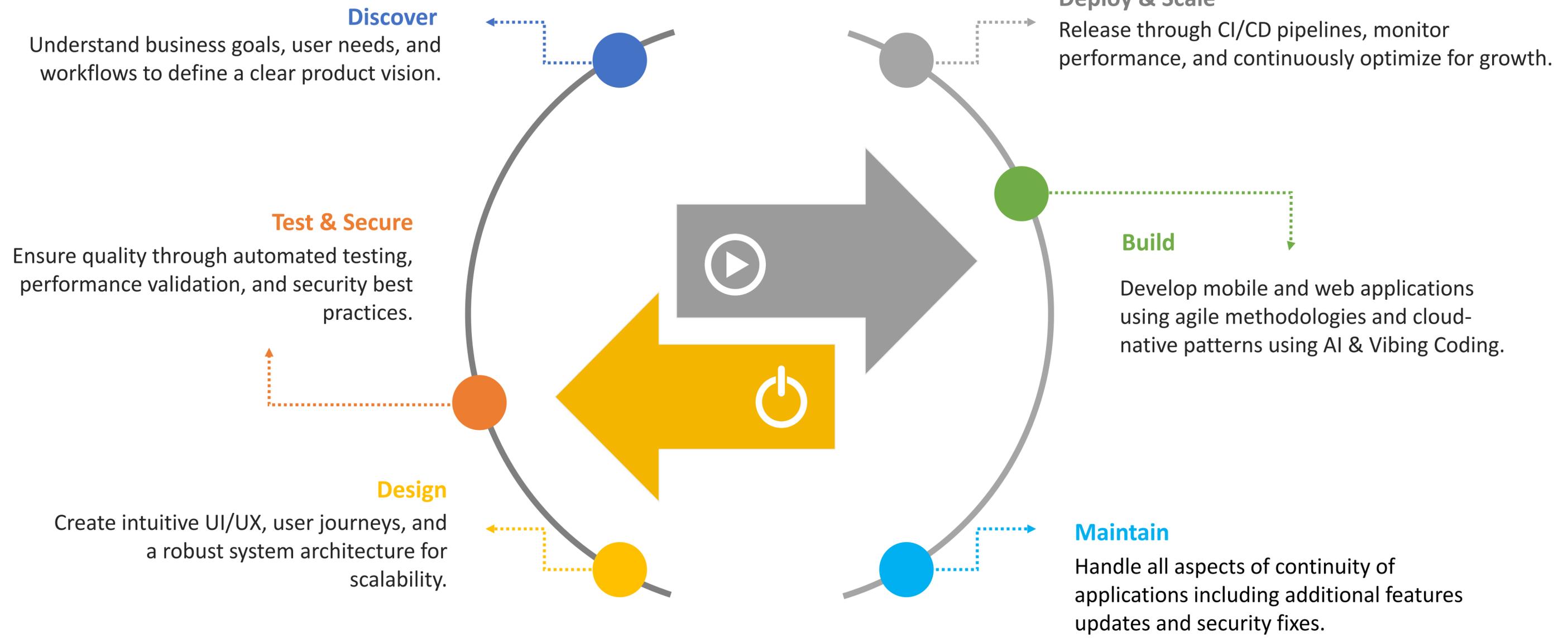
UI/UX Design & Prototyping

Design intuitive, conversion-focused interfaces backed by human-centered design principles.

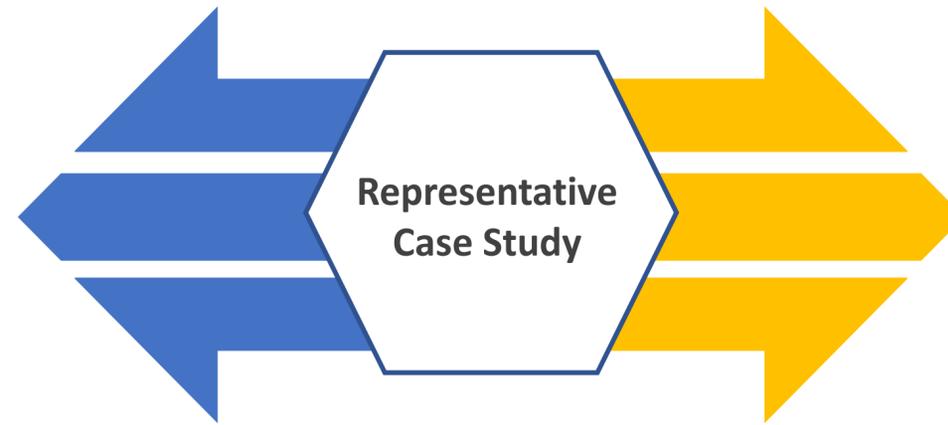


APPLICATION DEVELOPMENT

HOW ?
We Deliver



APPLICAATION DEVELOPMENT



Discover how our bespoke application development solutions have transformed businesses across various sectors, delivering measurable impact and innovation.

AI-Powered Virtual Marketplace	Digital Operations & CRM Platform	Fintech App: UX/UI Design & Prototyping
Context	Context	Context
Hospitality enterprises faced fragmented, manual procurement with limited visibility and poor cost control.	Food distributor relied on manual, disconnected systems for orders, warehouses, and deliveries, causing inefficiencies and delays.	A fintech company required a secure, auditable, and scalable front-end for an AI governance and agent interaction console, with strong UX consistency and accessibility.
Solution	Solution	Solution
Built a cloud-native, AI-driven procurement marketplace on Azure, featuring microservices, real-time collaboration, and AI-powered negotiation.	Delivered a full-stack digital operations platform with CRM, order processing, warehouse tracking, and route optimization, built on AWS with microservices.	embedded a front-end engineer to deliver modular React/Next.js components, Figma-based UX/UI design, API integrations, and accessibility-compliant interfaces through agile collaboration.
Outcome	Outcome	Outcome
40% faster procurement, 35% cost savings, 100% digital visibility, and a scalable platform.	25% faster order-to-delivery, 30% improved delivery efficiency, 40% better warehouse utilization, and a fully digital model.	Scalable agent console, governance UI, and dashboards with consistent design systems.

STAFF AUGMENTATION

Hire Developers Who Build Secure, Scalable
Connected Systems



STAFF AUGMENTATION

What We Do: Specialized Talent. Embedded Delivery.

Our skilled engineers integrate seamlessly with your teams, bringing expertise in cutting-edge technologies to deliver impactful, secure, and scalable solutions.



IoT Engineers

Device · Edge · Cloud



Mobile Developers

iOS · Android · Flutter



AI / ML Engineers

ML · GenAI · MLOps



Data Engineers

DB · MDM · Datalake · ETL/ELT



DevOps / SRE

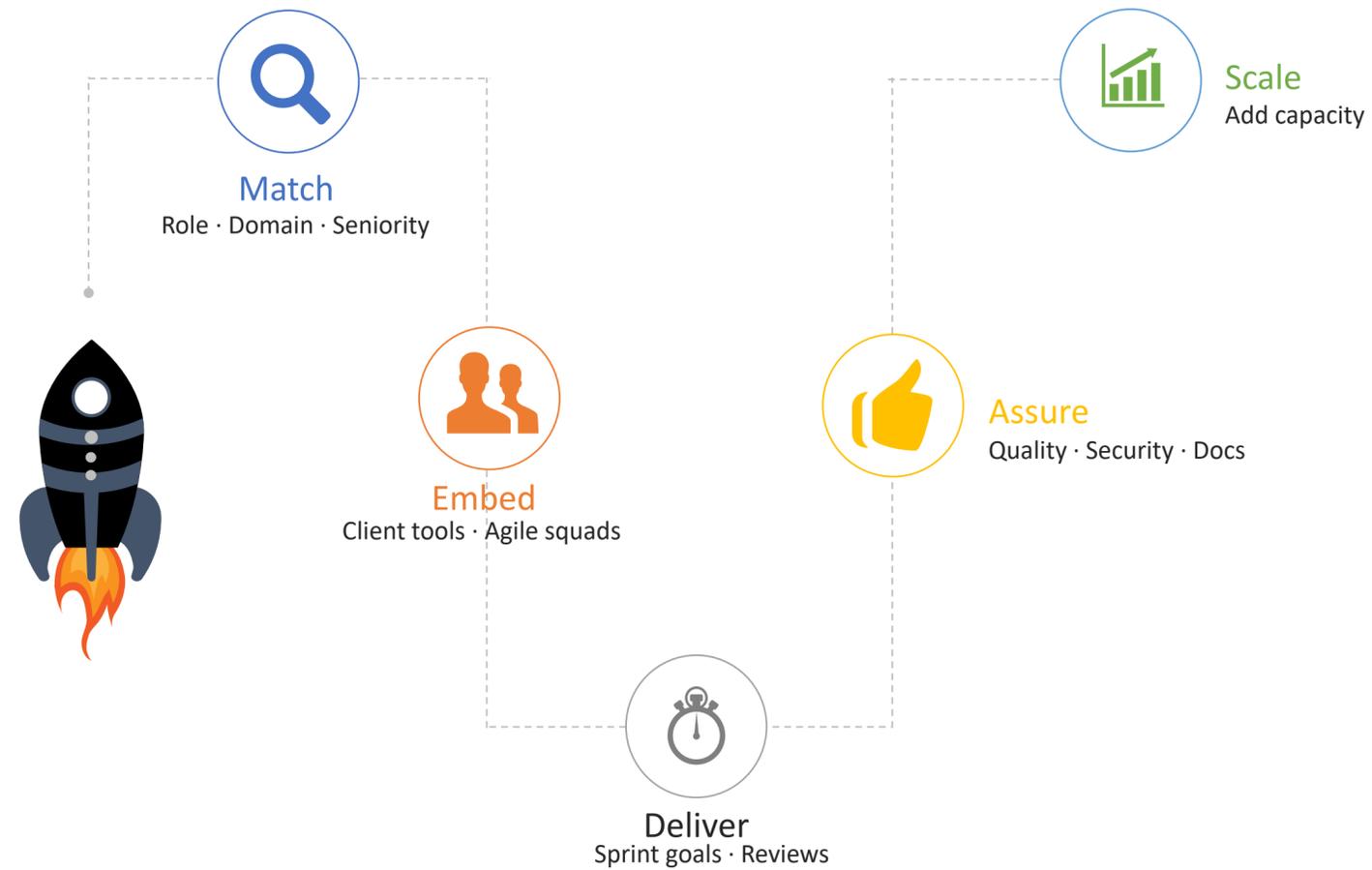
CI/CD · IaC · Reliability



Web & Backend Developers

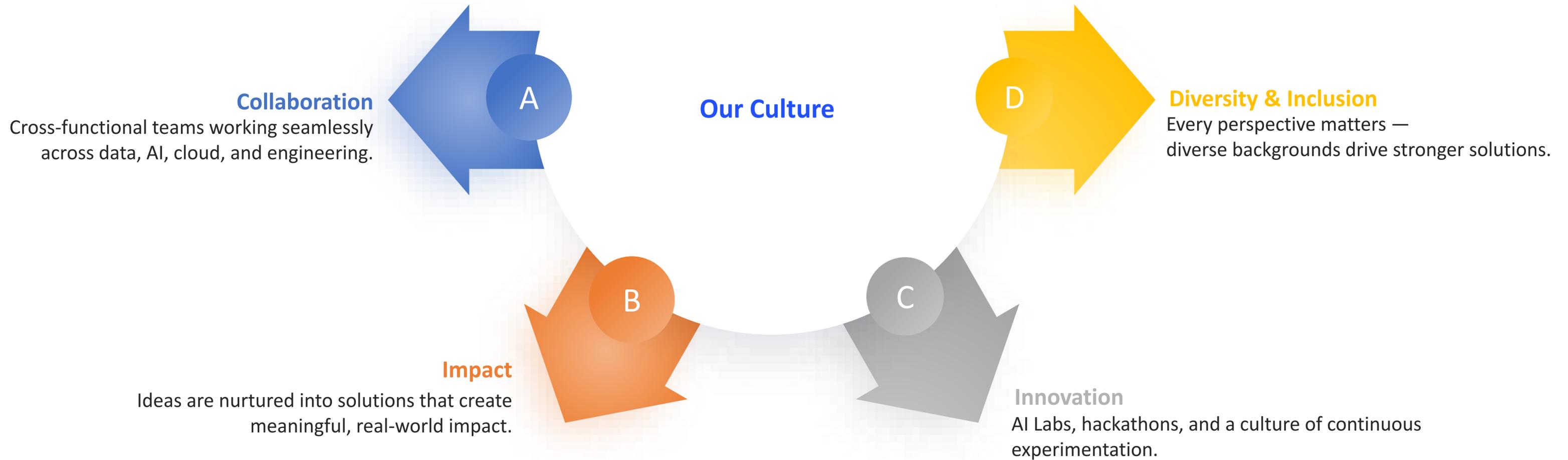
React · Angular · Node · .NET · Java

STAFF AUGMENTATION How We Do It & Engagement Models



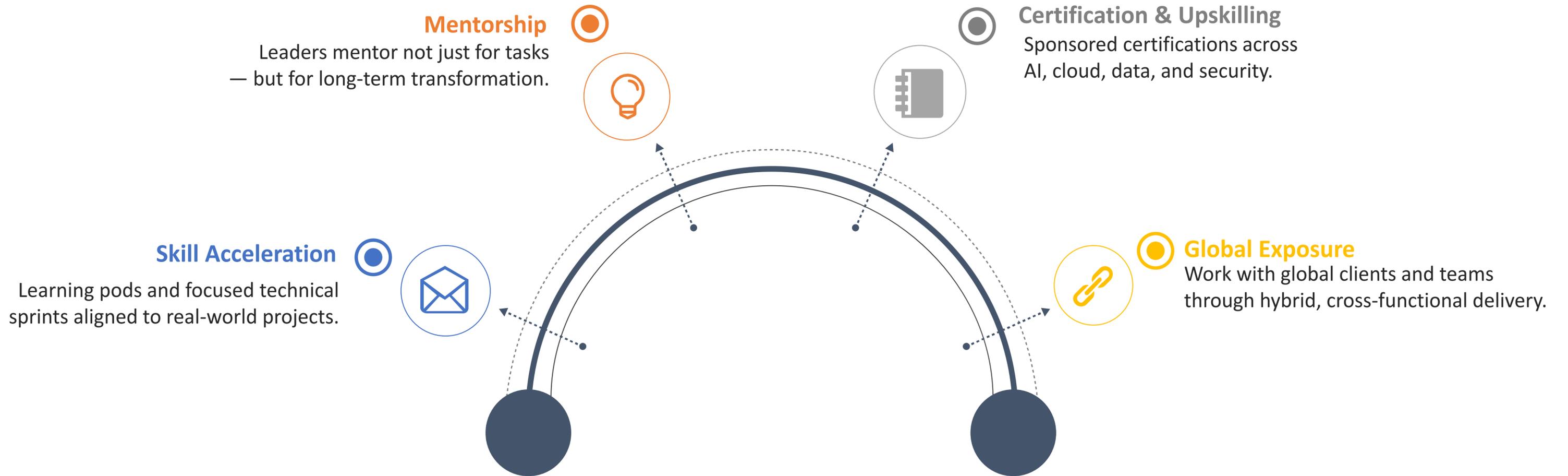
- 01 Dedicated Resources**
Onshore · Offshore · Hybrid
- 02 Team Augmentation**
Extend existing teams
- 03 Managed Pods / Squads**
CloudHew-owned delivery
- 04 PoC → MVP → Production**
Structured scale programs

OUR TALENT & HR PROCESS



Our Talent & HR Process

Work. Learn. Grow.



OUR TALENT & HR PROCESS

How We Build High-Performance Teams

A

We Hire

- Senior engineers & GTM professionals
- Strong problem-solving & production experience
- Domain-specific hiring (BFSI, Healthcare, SaaS, Enterprise)
- Architectural thinking & decision-making focus
- Built for long-term scale, not short-term staffing

B

We Train

- Continuous upskilling & technical sprints
- Cloud certifications (AWS, Azure, GCP)
- AI/ML, DevOps, Security, Microsoft stack
- Hands-on learning via real client projects
- Workshops, labs & hackathons

C

We Assign & Deliver

- Teams mapped to complexity, domain & compliance
- Integrated pods: engineering + sales + marketing
- Dedicated resources or managed teams
- Clear ownership & measurable outcomes



01

Finance

Bootstrapped Company
Operating since 2023
Sustainable, founder-led growth



02

Legal & Compliance

GDPR compliant
HIPAA compliant
ISO compliant
PCI-DSS compliant

Engineering-First
Production-grade systems, not experiments

1

2

Enterprise-Ready
Security, compliance, and governance built in

WHY CLOUDHEW ?

AI-Native
AI and automation embedded by design

3

4

Multi-Cloud Proven
Azure, AWS, and GCP expertise

Thank You



California | Delaware

Let's Connect

URL : <https://www.cloudhew.com>
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Bengaluru | Mangaluru | Coimbatore

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