



Architecting the Future. Modernizing Today.

Intelligent technology for business growth — enterprise architecture, AWS cloud migration, generative AI, and scalable digital solutions.

AWS Cloud

Application Modernization

AI / ML & GenAI

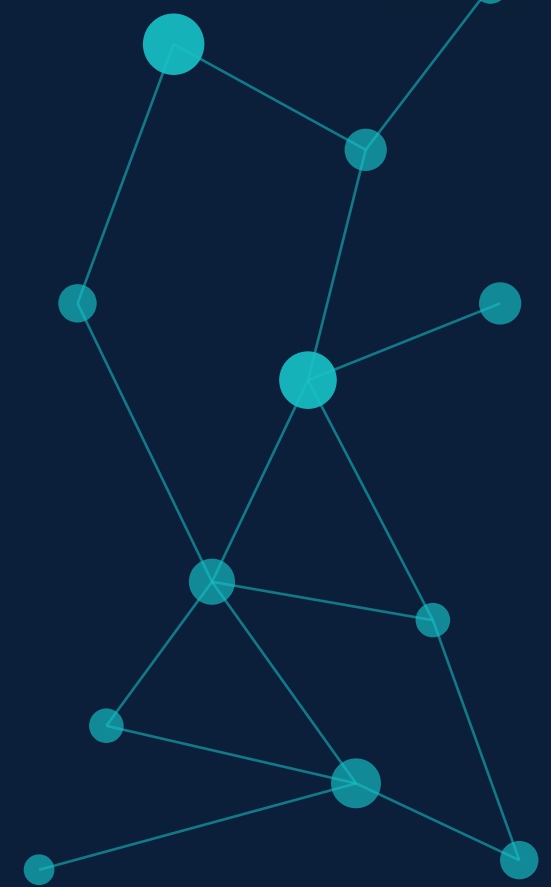
Data Analytics



www.ccs-tech-solutions.com



shrikant@ccs-tech-solutions.com





Who We Are

Consultant in Computer Systems (CCS) is a premier technology consulting and software engineering firm enabling enterprise digital transformation.



AWS Cloud & Architecture

Robust, scalable cloud foundation.



Legacy Modernization

Transforming monolithic stacks.



AI/ML & GenAI

Intelligent business automation.



Data Engineering

Actionable enterprise insights.



Our Technology Vision

Empowering organizations to transition from legacy constraints and manual effort to modern, cloud-native, and intelligent platforms.



Scalable & Secure

Designed for resilient, long-term, high-throughput operation with enterprise governance.



Cost Optimized

Cloud-native architectures that eliminate waste and optimize operational spend.



AI Enabled

Embedding intelligence into workflows for automated decision-making.



Easy to Maintain

Clean engineering practices built for agility and rapid iteration.



AWS Architecture Transformation

Greenfield & Enterprise AWS Architecture

Designing highly available, secure cloud-native environments built to scale automatically with demand.



Serverless & Microservices

Event-driven platform architecture.



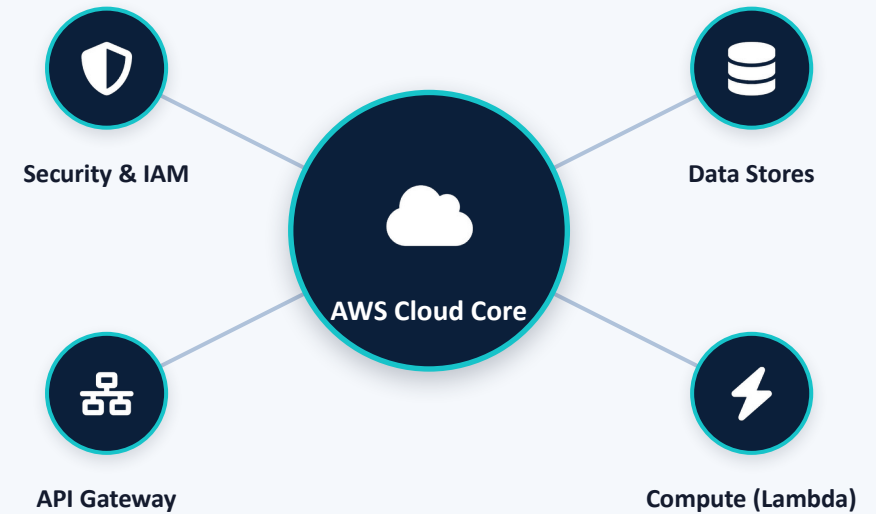
DevOps & Infrastructure as Code

Automated CI/CD deployment pipelines.



Security & Governance

IAM, encryption, and automated compliance monitoring.





Legacy Modernization & Migration

Migration & Modernization Strategies



Re-hosting & Re-platforming

Rapid lift-and-shift to AWS cloud infrastructure.



Refactoring & Redesign

Monolith to microservices transformation.



Database Modernization

Migrating to scalable managed databases.

Measurable Business Outcomes

5x

Faster System Agility



Technical Debt Reduced

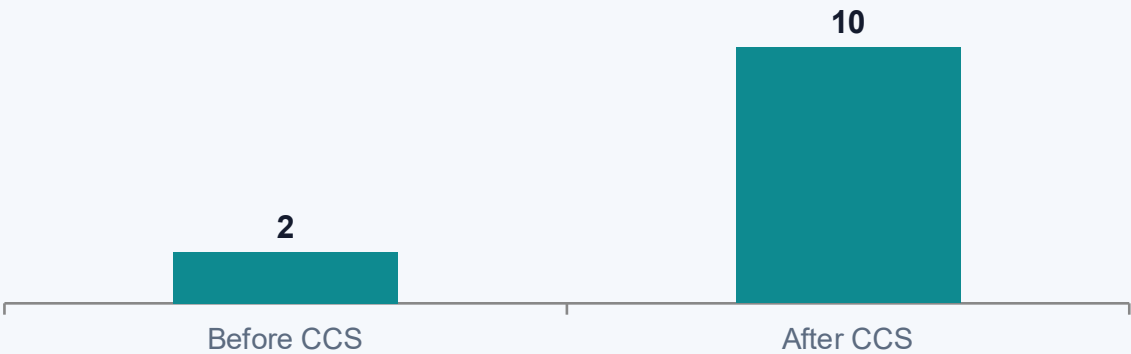


Cloud Spend Optimized



Accelerated Delivery Rate

Release Frequency (deployments / month)





Web & Mobile Application Engineering



Enterprise Web Portals

Custom SaaS solutions, customer portals, interactive business dashboards, and real-time workflows.



Mobile Applications

Cross-platform iOS and Android apps engineered for enterprise mobility and field workforce enablement.



API-First Architectures

Clean RESTful & GraphQL interfaces powering seamless integrations across business ecosystems.

AWS SERVERLESS BLUEPRINT



Web / Mobile
Client



API Gateway



AWS Lambda



DynamoDB /
RDS



AI / Analytics



AI/ML & Intelligent Automation

From Data to Actionable Intelligence



Generative AI & LLMs

Enterprise RAG architectures and custom AI assistants.



Intelligent Document Processing

Automated OCR and document understanding.



Predictive Analytics

Demand forecasting and anomaly-detection algorithms.



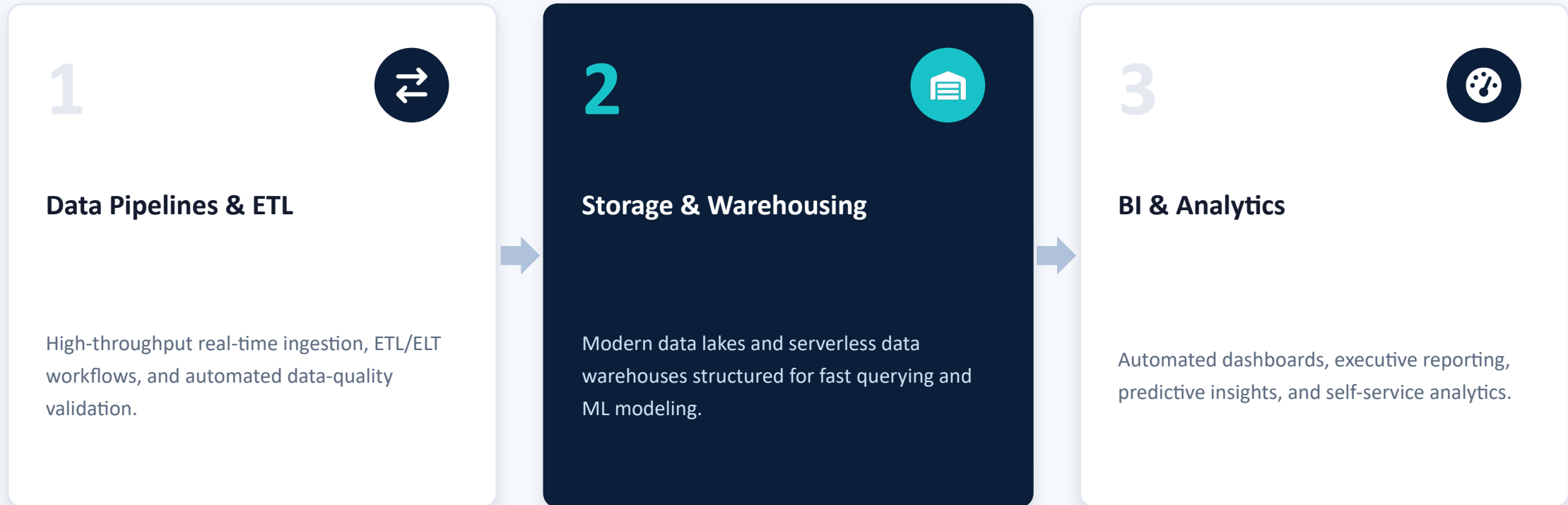
NLP & Chatbots

Next-gen customer service and internal knowledge retrieval.



Data Engineering & Analytics

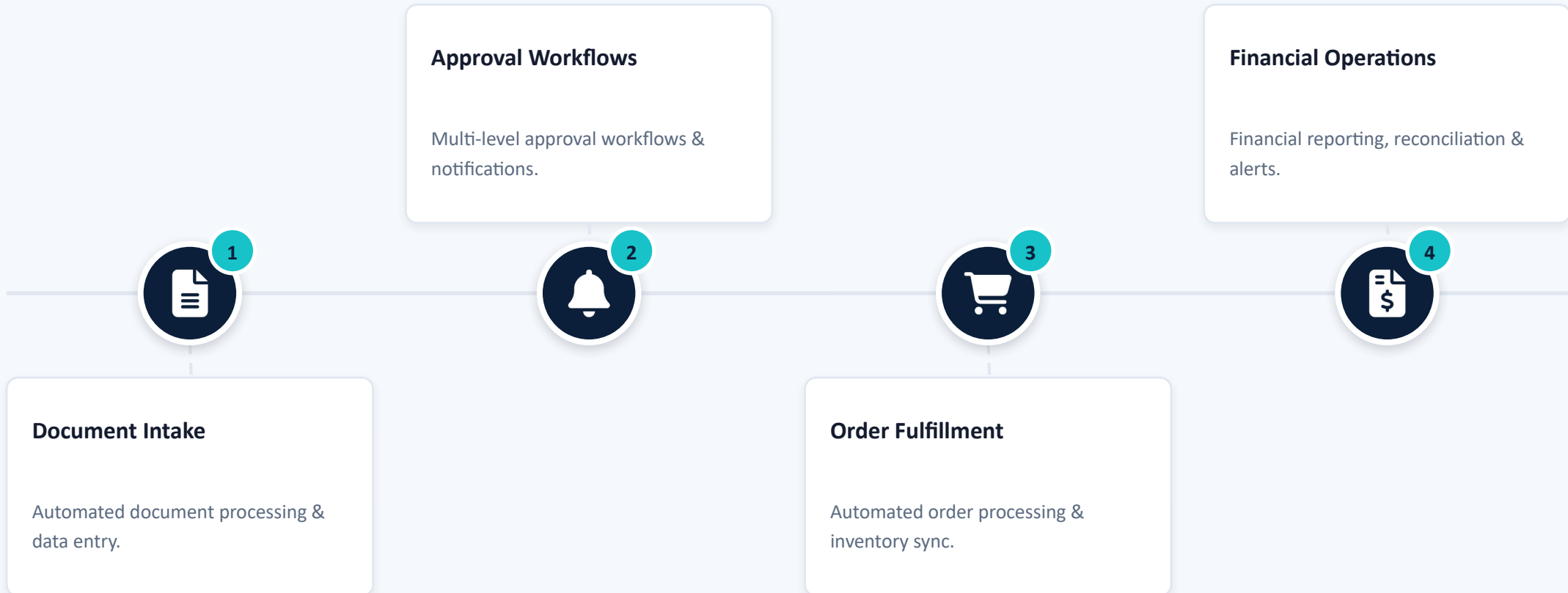
Building unified data platforms to convert fragmented enterprise data into reliable, real-time intelligence.





Process Automation Solutions

Eliminating Manual Operational Friction





Industry Sector Focus



Manufacturing Technology

Production workflow automation, supply chain visibility, predictive maintenance, inventory management, and operational analytics.



Logistics & Supply Chain

Real-time shipment tracking, warehouse process automation, fleet management workflows, and operational exception dashboards.



Why Choose CCS?



Enterprise Architecture

Designing robust technology platforms aligned directly with long-term business goals.



AWS Cloud Mastery

Deep expertise in serverless architectures, microservices, and cloud security governance.



AI-First Philosophy

Applying real-world machine learning and GenAI to solve actual operational bottlenecks.



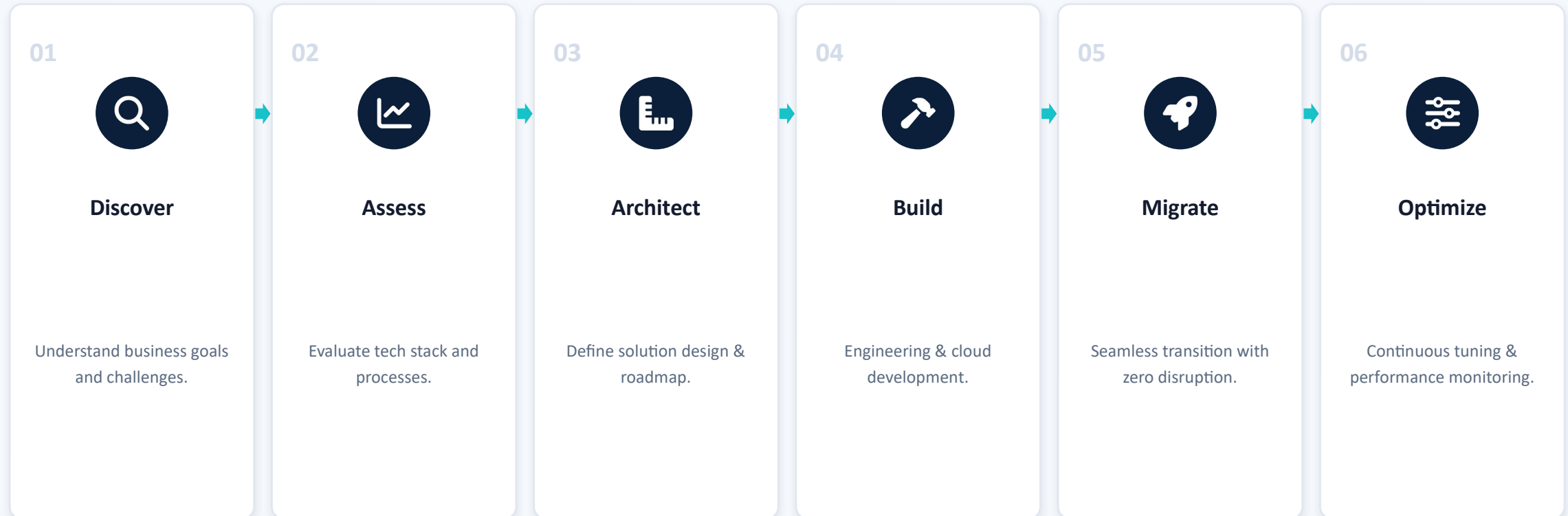
Powering Customer Success, Together

CCS is a strategic partner with AWS, Snowflake, and Zoho — combining best-in-class platforms with deep implementation expertise to increase profits, save costs, and accelerate time to market for data applications.

STRATEGIC PARTNER AWS Cloud Infrastructure & AI	STRATEGIC PARTNER Snowflake Cloud Data Platform	STRATEGIC PARTNER Zoho Business Applications Suite
 Increase Profits	 Save Costs	 Accelerate Time to Market
 Improve Scalability & Performance	 Simplify Day 2 Operations	 Streamline Procurement



Our Engagement Model





Technology Stack & Capability Map



Cloud & DevOps

AWS

Serverless

Lambda

Terraform

CloudFront

Docker

ECS

CI/CD



Application Engineering

Modern Web Apps

iOS/Android

Microservices

REST & GraphQL



AI/ML & GenAI

Machine Learning

LLM Integration

RAG

Document Processing



Data Platforms

ETL/ELT

Data Lakes

Redshift

Snowflake

BI Dashboards



Integration

API Gateways

ERP Integrations

Webhooks

EventBridge

Message Queues



Our Value Proposition

CHALLENGE



Legacy Systems & Technical Debt



High Infrastructure Operational Costs



Manual Process Bottlenecks



Siloed Enterprise Data



CCS STRATEGIC SOLUTION



Cloud Modernization & Monolith Refactoring



Serverless Architecture & FinOps Optimization



AI-Powered Intelligent Workflow Automation



Unified Data Lakes & Automated Analytics



Leadership & Architecture Governance



Architecture-Led Delivery

Senior technology leaders bringing proven experience in architecting high-availability platforms for mid-market and enterprise organizations.



Engineering Excellence

Disciplined engineering practices, continuous security compliance, cloud governance, and global delivery capabilities focused on ROI.



LET'S BUILD WHAT'S NEXT

Ready to Modernize Your Business?

Partner with CCS to accelerate your cloud migration, automate key business workflows, and harness Generative AI.

CONSULTANT IN COMPUTER SYSTEMS



www.ccs-tech-solutions.com



shrikant@ccs-tech-solutions.com



Thank You

We appreciate the opportunity to share our vision — let's build what's next, together.

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