



## Professional DevOps Partner



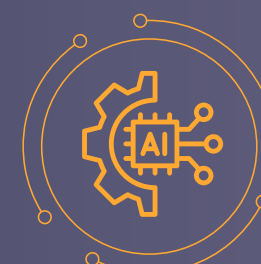
**Cloud  
Modernisation**



**Cloud Cost  
Optimization**



**Cloud  
DevSecOps**



**GenAI  
Enablement**

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# Introduction

VirtueCloud, a subsidiary of **Chie Technologies Pvt. Ltd.**, helps businesses unlock the power of the cloud by automating application and infrastructure deployment.

A **AWS Partner** with expertise drawn from global leaders like JP Morgan Chase, Booking.com, WeMoney & Kobbler we empower startups and SMEs to achieve agility, scalability, and success through modern cloud technologies.



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# Unique Value

We specialise in **platform engineering** and cloud-first solutions, enabling high-performance product teams through the strategic implementation of DevOps best practices. Our approach goes beyond automation, we focus on client enablement by embedding reusable **Infrastructure as Code (IaC) libraries**, adhering to **Well-Architected Frameworks**, and enforcing security and compliance standards including **PCI DSS** and **SOC 2.0**.

We start by deeply understanding your current challenges to identify modernization opportunities and engineer a clear path toward agility, scalability, and resilience in your application portfolio.



# Why Us ?

## EXPERIENCED

Seasoned, certified cloud professionals with at least 5 years of experience and usually many more. We provide our staff with continuing L&D opportunities to stay updated with latest technology.

## SECURITY FIRST APPROACH

We follow and enforce security best practices for all our clients and internally. Your infrastructure security is only as good as the weakest link in the chain.

## BREADTH OF EXPERTISE

Our cloud professionals have a breadth of expertise in AWS services, technologies, and architectural best practices to ensure the success of your project.

## COMMUNICATION

We keep our clients informed of progress and plans to know exactly where, when, and how their requirements are being met.

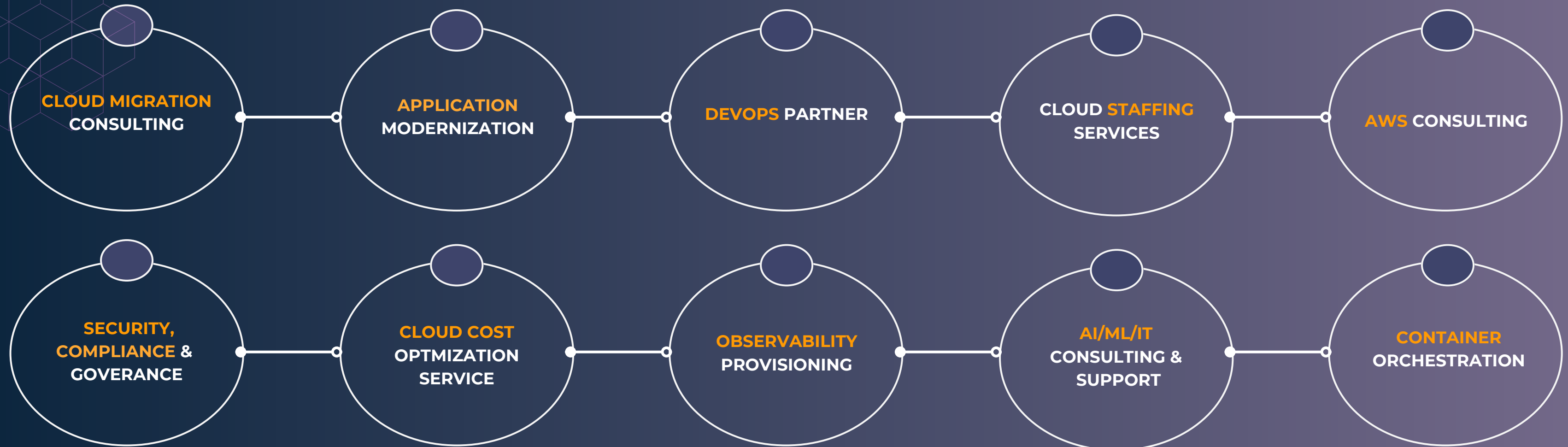
More than cloud solutions, we engineer secure, scalable success

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# Our Service Offerings



*Each Service is designed to enhance business performance, security, and agility.*

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# Our Engagement Models

## Build-Operate-Transfer (BOT)

Accelerate DevOps Capability,  
Then Transition Ownership  
We build and operate a DevOps team aligned to your roadmap. After a defined maturity period, full control is transferred to your in-house operations—ideal for long-term scaling with IP retention.

## Contract-Based Engagement

Flexible Resource Deployment  
6/12/18 Months  
Quickly onboard DevOps experts on short- or mid-term contracts tailored to your needs. Perfect for migrations, toolchain modernization, or bolstering delivery capacity within your sprints

## Dedicated / Hybrid Teams

Embedded DevOps Teams with SLA-Based Delivery  
Deploy dedicated DevOps pods or blended teams working alongside your squads. VirtueCloud handles governance, ensuring continuous integration and platform reliability at scale.

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# Our Delivery Models

## Offshore Delivery Model

Our offshore delivery model offers a cost-effective solution, with end-to-end project design and development handled at our offshore premises. A dedicated project manager oversees operations for better control and management.

## Onsite/Nearshore Delivery Model

An expert works remotely within the same city or country as the client. Some resources may work onsite, while others work remotely within the same territory. This combination of onsite and offsite (onshore) is ideal for projects with specific compliance and skillset requirements.

## Hybrid Delivery Model

Combines onsite/nearshore and offshore delivery, optimizing costs and efficiency. The onsite team, acting as solution architects, project managers, or consultants, interacts directly with the client, gathers requirements, and creates specifications, while the offshore team executes the project.





# GenAI Enablement

Build the Future of **Workflows, Automation & Intelligence**

At VirtueCloud, we help businesses harness the power of Generative AI to automate workflows, transform unstructured data, and create intelligent, human-like interactions, powered entirely by AWS GenAI services.

As an **AWS Partner**, our **GenAI practice focuses** on practical, scalable, and secure AI adoption strategies across industries like manufacturing, fintech, retail, and healthcare.

- Deep Expertise in AWS GenAI ecosystem: Bedrock, SageMaker, Lex, Textract, Lambda, and more
- Proven success across **40+ cloud and AI projects**
- Customizable solutions for SMEs and enterprise-grade AI use cases
- Focus on secure, compliant AI deployment aligned with **PCI DSS, SOC 2, HIPAA standards**

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# Our **GenAI** Services

## INTELLIGENT DOCUMENT UNDERSTANDING

- Automate extraction from PDFs, scanned documents, tables, and diagrams using:
- Amazon Textract
- Amazon Comprehend
- Amazon Bedrock (Claude, Titan)

## PROMPT-BASED WORKFLOW AUTOMATION

- Enable non-technical users to drive complex processes through natural language prompts.
- Use Bedrock's foundation models to integrate AI into existing workflows.
- Custom prompt engineering and chain-of-thought logic design.

Beyond cloud solutions, we deliver secure, scalable success powered by Generative AI.

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# Our **GenAI** Services

## AI CHATBOT & ASSISTANT DEVELOPMENT

Build domain-aware virtual agents using:

- Amazon Lex + Bedrock + Lambda
- Voice and text interaction enabled
- Connect to backend systems (e.g., ERPs, CRMs, Inventory)

## FINE-TUNED & CONTEXTUAL MODELS

- Use Amazon SageMaker and JumpStart to fine-tune models with your domain-specific data.
- Deploy cost-efficient inference pipelines with real-time data sources.

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# Our **GenAI** Services

## AI FOR FINOPS & OBSERVABILITY

- Use GenAI to analyze and summarize AWS usage and cost trends.
- Integrate with Cost Explorer, Athena, QuickSight for intelligent FinOps decision-making.
- AI-based recommendations on savings plans, budget alerts, and shared cost attribution.
- AI-based prompt enabled RCA

## GENAI-POWERED KNOWLEDGE MGMT & ENTERPRISE SEARCH

- Transform internal documentation, tickets, chats, and reports into an intelligent knowledge base.
- Use Amazon Kendra and Amazon Bedrock to enable:
  - Semantic search over unstructured content
  - Natural language Q&A bots for employees or customers
  - Contextual answers sourced from PDFs, Confluence, SharePoint, S3, and more

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# **AWS** Partner Offerings

What if your AWS transformation started... for FREE ?

**POC = On The House**



# Explore AWS at Zero Cost, Migrate with Confidence & Optimize Operations Efficiently with VirtueCloud

## AWS PROOF-OF-CONCEPT

Accelerate your decision-making process with a risk-free Proof of Concept of your use cases on AWS.

## AWS VALUE PROGRAM

Simplify your cloud procurement and enjoy monthly discounts on your AWS spend with our AWS Value

## MIGRATE TO AWS

Migrate seamlessly to AWS with minimal disruption to your operations.

## AWS WELL-ARCHITECTED REVIEW

Gain insights into your architecture's strengths and areas for improvement with our FREE review!

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# Fast-Track Your Cloud Strategy **with a Complimentary AWS POC**

- Run the POC in either your new AWS account or existing AWS account or VirtueCloud's AWS account
- No obligation to sign-up for any service
- Full access to your POC environment

**Zero-Cost**

- You won't be charged for the POC implementation
- Offset the POC AWS Spend with AWS Credits
- Enjoy additional discounts after POC

**Risk-Free**

- Fully secure implementation
- Restricted access to minimize disruption
- Will follow all required local security and compliance laws

**Secure**

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# Achieve More for Less with **Tailored AWS Billing Solutions**

- No long-term commitment with VirtueCloud
- No need of any savings plans
- Cancel anytime

## **On-Demand Partnership**

- 3% base discount guaranteed on your monthly billing
- Get up to 8% discount if you are new AWS customer
- Additional discounts for specific AWS services

## **Guaranteed Discounts**

- AWS Billing discounts
- Enterprise support discounts
- AWS Marketplace discounts

## **Multiple Discount Options**

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# Power Your Next Chapter Smooth, Stress-Free **Migration to AWS**

- Leverage AWS's global infrastructure for faster application response times
- Optimize your applications with AWS's high-performance computing services
- Ecale your resources in/out on demand to meet realtime business needs

## **Enhanced Performance**

- Only pay for the resources you consume
- Optimize resource utilization and avoid overspending
- Utilize AWS's cost management tools to track, analyze, and forecast your AWS spending

## **Optimization Cost**

- AWS eliminates the need for managing and maintaining on-premises infrastructure
- Automate routine tasks and simplify infra management
- Enable faster development cycles

## **Less Managing, More Building**

# Unlock AWS Efficiency with a **Free Architecture Review**

- Identify and address bottlenecks that impact application performance
  - Ensure your architecture can handle fluctuating workloads
  - Right-size your resources to maximize performance
- Improved Performance**
- The review process helps pinpoint weaknesses in your security posture
  - By analyzing resource utilization and identifying areas for optimization
  - The review highlights areas where you may be overspending on AWS resources
- Identify Risks & Gaps**
- Proactively identify and address potential security vulnerabilities.
  - Implement best practices for data protection and access controls.
  - Ensure your AWS environment meets industry compliance requirements
- Enhanced Security**



# Trusted By Brands Around The World



FINANCIAL SERVICES



Flentas



CLOUD ADOPTION & MODERNISATION



DATA & INTELLIGENCE



HEALTHCARE & MANUFACTURING



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# Client Success Stories

We have successfully implemented solutions for a diverse range of clients, from small startups to large enterprises. Ranging from **Web App** Development, App **Modernisation**, **Mobile App** Development, Cloud Adoption, Best practices adoption like **DevOps**, **SecOps** & **FinOps** to **Gen AI** Feature provisioning in existing products, we have delivered **40+ projects** aligned to customer success. Our portfolio demonstrates our capability to deliver impactful technology solutions.

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# Manufacturing Domain **GenAI-Powered Smart Doc Processing & Workflow Automation**

## Intelligent BOM Extraction:

- Used **Amazon Textract** to extract structured data from messy PDFs
- Enhanced accuracy with **Amazon Bedrock Claude** models to:
  - Understand diagram-based and tabular part lists
  - Normalize inconsistent formatting
  - Classify parts and extract quantities accurately

## Inventory Check & BOM Structuring:

Leveraged a **prompt-driven processing** layer using **Bedrock** to:

- **Generate** structured, queryable BOMs
- Match against live inventory in Amazon DynamoDB
- Flag shortfalls and estimate procurement needs instantly

## Natural Language Workflow & Job Management:

Implemented a **GenAI assistant via Amazon Lex and Bedrock**, enabling support teams to:

- Trigger job card creation
- Track procurement and job status



# HealthCare Domain Revolutionizing Healthcare Operations with DevOps-Driven Efficiency

**Infrastructure Automation:** Leveraged Terraform for **Infrastructure as Code (IaC)** to enable consistent and scalable resource provisioning.

**Workflow Automation:** Used **AWS Lambda** to automate key processes, reducing manual intervention and increasing efficiency.

**Security Enhancements:** Integrated best practices to safeguard sensitive data and ensure compliances like **HIPPA** and **SOC 2.0**

**Cost Optimization:** Continuously monitored and **fine-tuned cloud resources** without compromising performance.

**CI/CD Pipelines:** Built robust pipelines with **GitHub Actions** for rapid, reliable, and secure software delivery.

**Scalable Architecture:** Designed a cloud-native system featuring containerized workloads with **ECS Fargate**, managed databases via **Amazon RDS**, and real-time notifications using **AWS services**.

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# FinTech Domain

## DevSecOps Transformation: Enhancing Security & Compliance in Fintech

**Security Automation in CI/CD Pipelines:** Integrated tools like **Snyk**, **SonarQube**, and **Checkmarx** for static application security testing (SAST) and dependency analysis. Configured automated runtime validation for containerised workloads using tools like **Aqua Security**.

**Policy Enforcement:** Implemented build policies to block deployments with critical vulnerabilities. Integrated **IaC** (Infrastructure as Code) **scanning** to detect security issues in cloud resources.

**Centralized Monitoring and Logging:** Deployed the ELK (**Elasticsearch**, **Logstash**, **Kibana**) stack for real-time monitoring and compliance reporting. Enhanced traceability with audit trails for deployments.

**Training and Awareness:** Rolled out **pre-commit hooks** and IDE plugins() for real-time vulnerability feedback during development. Implementing **shift-left security practices** to identify and mitigate risks during early stages of development.



# Data & Intelligence **Cracking the K8s Cost Code: Shared & Unexplored Cost Mapping**

**Kubernetes (K8s) cost management:** A comprehensive solution that integrated **SCAD**, **AWS Cost Explorer**, **AWS Glue**, **Athena**, **Power Athena Exporter**, **Amazon QuickSight**, and **AWS native tags**.

Enabled precise **unit cost mapping** & resolved shared cost complexities by automating the extraction, transformation, and categorization of cost data.

**Cost Calculation Framework:** **Memory/CPU Unit Cost Derivation**, used AWS's 9:1 CPU-memory cost ratio to determine per-unit costs.

**Policy Enforcement & Optimization:** **Unallocated Costs Handling**, developed a methodology for allocating unsplit EC2 costs to microservices. Encouraged defining **CPU/memory requests limits** to ensure proper cost attribution.

**Observability:** Enhance Kubernetes cost governance and best practices. Implement monitoring dashboards to track cost efficiency metrics. Standardize **Kubernetes cost allocation** policies across all projects.





## Our Partners



**AWS PARTNER NETWORK**  
ADVANCE TIER SERVICES  
PARTNER



**FINOPS AGENTIC AI PLATFORM**  
FOR AUTONOMOUS MULTICLOUD  
COST OPTIMIZATION



**OBSERVABILITY & SECURITY**  
BUILT FOR ENTERPRISE SCALE



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LETS TALK MORE

**CONNET@VIRTUECLOUD.IO**

Lets Empower Your Cloud Journey With VirtueCloud's Mastery



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