

Cloud native development involves scalable applications that leverage DevSecOps methodology and technologies such as microservices, declarative APIs and containers that run in a diverse range of modern dynamic environments



## Cloud native application features

**Scalable**

Dynamically scale up and scale down resources to meet peak and troughs in demand

**Resilient**

Ensure 100% uptime for mission critical applications

**Modular**

Ensure better customer experience through rapid deployment of new features

## Driving business benefits



Revenue generation



Cost reduction



Speed-to-value

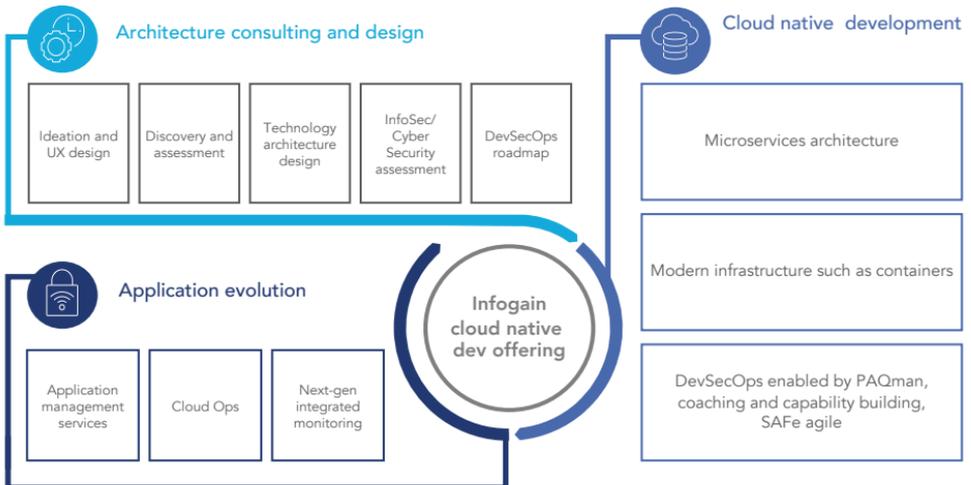


Risk reduction



Innovation/  
transformed user  
experience

## Infogain's cloud native offering



## Case studies

### Leading financial services player



Accelerated  
time-to-market



Improved operational  
cost-efficiency

#### Solution

Infogain developed a **next-gen payment processing system** for the client, leveraging microservices architecture developed and deployed natively in Azure Cloud

#### Technologies used



PROGRAMMING  
PHP, Java



STORAGE  
CosmoDB, Azure SQL



CLOUD SERVICES  
Azure Functions, Azure  
Batch Services



CONTAINER MGMT.  
Docker, Azure Kubernetes  
Services (AKS)



SECURITY Azure Key  
Vault, Azure Monitor,  
WAF, Splunk, Azure AD



DEVOPS TOOLCHAINS  
Splunk, Jmeter, Bitbucket

### Leading digital marketing platform

80%

Performance  
improvement

150ms

response time vs.  
300-400ms in SLA

#### Solution

Infogain developed a cloud native platform deployed on GCP for the client to manage the delivery of offers such as **coupons/ discounts** from specific CPG companies to partner retailers & their customers

#### Technologies used



PROGRAMMING  
Springboot



STORAGE  
MariaDB



CLOUD SERVICES  
Google Cloud Platform



CONTAINER MGMT.  
Kubernetes, Docker  
Container Engine



SECURITY  
Google Cloud Armor  
Nessus, Prisma



DevSecOps TOOLCHAINS  
SonarQube, Terraform  
Stack driver, Splunk

## Why Infogain



**Consulting & design  
led approach**

End-to-end offering starting from design-thinking led ideation and UX design (in-house capability) through deployment



**Deep tech  
expertise**

Born-in-the-cloud capabilities with 600+ certified cloud professionals (Azure, AWS, GCP, Oracle)



**Cloud independent,  
cloud native  
approach**

We work with you to recommend well thought-out architecture choices and help you navigate the trade-off between portability and value to deliver the most optimal solution for your needs



**Automation  
in mind**

Automation across the value chain including infrastructure, application delivery (CI/ CD) and Quality automation (using PAQman)



**Modern delivery  
capabilities**

DevSecOps expertise and mature distributed SAFE agile process, including transferring and embedding capability support

## About Infogain

Infogain is a Silicon Valley-based digital platform and software engineering company, with offices in the US, the UK, Poland, the UAE, India, and Singapore. A Chryscapital portfolio company, we help Fortune 500 tech, healthcare, insurance, travel, and retail companies use cloud, microservices, automation, IoT, AI, and other technologies to engage with their customers and engineer business outcomes. [www.infogain.com](http://www.infogain.com)