

Cloud Native Application Foundation Catalyst

Accelerate your cloud native application adoption journey with Caylent Catalysts®, a collection of accelerators that add rocket fuel to your modernization initiatives

With years of R&D and millions dollars in investment, AWS has created a plethora of fully managed services, purpose built for every part of the application stack. By leveraging these services, teams can shorten their development cycles and focus on application code instead of managing underlying infrastructure such as compute, databases and storage.

Through our experience in building platforms for cloud native applications across various industries, we know what it takes to accelerate product team velocity. Caylent will work with your team to design a solution architecture for a cloud native application platform, with an emphasis on leveraging AWS' fully managed services.

This Cloud Native Applications (CNA) Catalyst is set up to help clients accelerate the design of new cloud native applications by providing secure, reliable and scalable development foundation and pathway to a minimum viable product (MVP).

Key Activities

Workshop

We'll conduct a cloud native platform services review and run a requirements mapping workshop to create a draft architecture diagram(s)

Development Platform MVP

2-3 days of hands-on labs to co-build a development platform and application pipeline based on initial workshops. We'll then walk you through how to deploy a sample application in the new platform

Handoff

Conduct final review of the solution as well as provide all documentation and technical artifacts produced in the course of the engagement

Engagement Details

Highlights

- Leverage our expertise in managed AWS Services: AWS Lambda, Amazon EKS, Amazon ECS, AWS Fargate, Amazon DynamoDB, Amazon ElastiCache, Amazon RDS, Amazon EMR, Amazon API Gateway, Amazon Cognito and more
- Tested, repeatable, and referenceable infrastructure as code templates
- Education through hands-on collaborative delivery

Deliverables

- Architecture diagram(s)
- Development platform Minimum Viable Product (MVP)
- All diagrams and documentation developed in support of the engagement
- All source code, scripts, templates, and other technical artifacts developed during the engagement
- Pathway to a cloud native application MVP