

# Serverless App

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

With years of R&D and millions of 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 serverless 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 serverless application platform, with an emphasis on leveraging AWS' fully managed services. This Catalyst is intended to help clients accelerate the creation and deployment of new applications by providing a secure, reliable, and scalable development foundation and roadmap for a minimum viable product (MVP).

## Key Activities

### 01 – Workshops

We'll conduct a cloud-native platform services review, serverless app workshop, and run a requirements mapping workshop to create a draft architecture

### 02 – Development

Collaborate in hands-on labs to co-build a development platform and application pipeline. We'll walk you through how to deploy a sample application in the new platform as well as code, build, and release changes

### 03 – Enablement

We'll share our recommendation for cloud-native learning, conduct a final review of the solution, and provide all documentation and technical artifacts

## Engagement Details

### Highlights

- Leverage our expertise in managed AWS Services including AWS Lambda, Amazon S3, Amazon DynamoDB, Amazon ElastiCache, Amazon API Gateway, and Amazon Cognito among others
- Access tested, repeatable, and referenceable infrastructure as code templates
- Utilize backend technologies like JavaScript, Typescript, Python, or .NET Core, coupled with a React front end
- Benefit from education through hands-on collaborative delivery

### Deliverables

- Architecture diagram(s) showcasing the planned structure
- Development of a Minimum Viable Product (MVP) for the platform
- Recommendations for learning and development to enhance skills
- Provision of all source code, scripts, templates, and other technical artifacts developed during the engagement
- A clear pathway outlined for developing a serverless application MVP

