

Unlocking No Code-Low Code (Ceebit)

Leveraging AWS Services

Business Outcomes:



Reduced Time-to-Market



Achieved 90% Code Coverage



Reduced Risk and Downtime



Enhanced Security and Compliance



Overview

Inadev, a global enterprise, is the first to launch Ceebit, a platform that unites all aspects of enterprise application development and operations management into a single drop-in, ready to use tool.

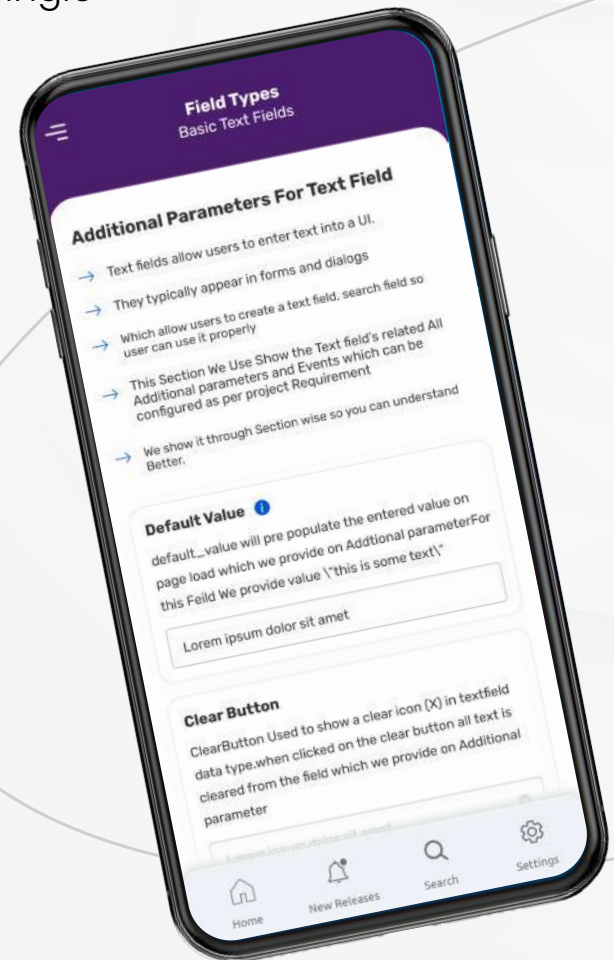
Problem Statement

Ceebit needed a bundle of ready to use

- **DevSecOps pipelines**
- **IaC for cloud infrastructure**
- **Monitoring dashboards**

with its application delivery package.

The goal was to establish a tested and fully functional application development infrastructure within a day to avoid spending weeks building, testing, and debugging complex custom IaC code and CI/CD pipelines. Dependency management of microservices for product release was also a major challenge.



Solution Provided

- Ceebit infrastructure provisioning automation is achieved using Terraform and Golang.
- Inadev built a robust CI/CD solution using the AWS EKS platform to deploy tools and services like Jenkins, SonarQube, Spinnaker, and the Grafana stack.
- AWS EFS service handles the persistent storage for EKS, while EC2, RDS and EBS storage services are also used. S3 is utilized for managing logs, data, and backups.
- The AWS Inspector service is enabled on Amazon ECR for the secure delivery of container images.
- Other services such as Lambda Function, Cognito, SES, and RDS databases are also used in this environment.



Ceebit – The Enterprise Development Ecosystem

Ceebit is an all-inclusive tool that comes with a high-touch concierge approach to development. It can be utilized as a central nervous system that positions your team to be self-sustainable and equipped to tackle the challenges that come with modern enterprise development.



Speed to Market

Eliminate mundane coding tasks and get to market quickly with low-code, rapid application development.



Cross Platform Development

Build an application once and configure it for the platforms you need to achieve maximum exposure with your entire target audience.



DevOps Standardization

Build an application once and configure it for the platforms you need to achieve maximum exposure with your entire target audience.



Governance and Compliance

Achieve peace of mind with best-in-class governance and compliance that comes standard with Ceebit.

Ceebit DevSecOps – Business Outcomes

- 1 Automation scripts bundled in one-click deployment package and **reduced time-to-market**.
- 2 **Achieved 90% code coverage** target through SonarQube quality gate.
- 3 Resolved microservices dependency management with Spinnaker implementation.
- 4 Enabled **consistent and reproducible** infrastructure deployment.
- 5 **Reduced Risk and Downtime** with automated code testing and deployment pipelines.
- 6 Version control and auditability of IaC and pipelines **enhanced security and compliance**.
- 7 Enabled teams to quickly identify and address performance bottlenecks and issues.



Inadev has developed a one-click delivery package for Ceebit that will provision cloud infrastructure and deploy the application within an hour.