

## Central Infrastructure Cloud Platform

Project: Centralized Infrastructure Cloud Platform ("Cloudify")

### Overview:

- Spearheaded the development of a centralized infrastructure cloud platform to cloudify on-premise applications.
- Developed a comprehensive suite of GitLab templates to streamline the entire SDLC from planning to deployment.
- Built a Unified Observability Framework integrating Datadog, PagerDuty, AWS X-Ray, and S3 for monitoring, alerting, tracing, and log aggregation.
- Created reusable Terraform modules to automate provisioning of AWS services, MongoDB, Snowflake, etc.
- Led the migration of infrastructure codebase from Terraform OSS to Terraform Enterprise.

### Tech Stack:

- AWS, Terraform, Datadog, PagerDuty, GitLab, AWS X-Ray, MongoDB, Snowflake

### Key Contributions:

- Automation-first mindset: Infrastructure as Code with Terraform
- Standardization: GitLab CI templates for consistent pipelines
- Unified monitoring and alerting across environments

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## Deal Flow Application

### Overview:

- Integrated application with various internal and external APIs, including banking systems for loan approval and equity underwriting.
- Adopted Test-Driven Development (TDD) to ensure high code quality and reduce production issues.
- Worked on both backend APIs and database design to support business-critical features.

### Tech Stack:

- ASP.NET 5 (MVC, Web API), SQL Server, AWS, Docker, Terraform

### Key Contributions:

- Robust integration with financial systems
- Emphasis on testing and code quality
- Dockerized application for consistent deployments