BrainGu

The Modern Software Factory Platform

About Me

- Engineering enthusiast
- BrainGu past 3 years
- Marine Corps for 11 years
  - Logistics Officer
  - Data Systems Specialist
  - DISA ID6
- Family HQ in Pittsburgh

Eric Anderson
Product Manager

What is BrainGu?

Software provider that specializes in delivering custom solutions for critical mission operators

DevSecOps

Bringing Security into the SDLC

Mission Applications

Using DevSecOps to build higher quality applications faster.

WIDOW

ACHILLES

VENOM

MAIZE

Development Platforms

Consolidating and streamlining tools to empower the development team.

PLATFORM ONE

LEVELUP

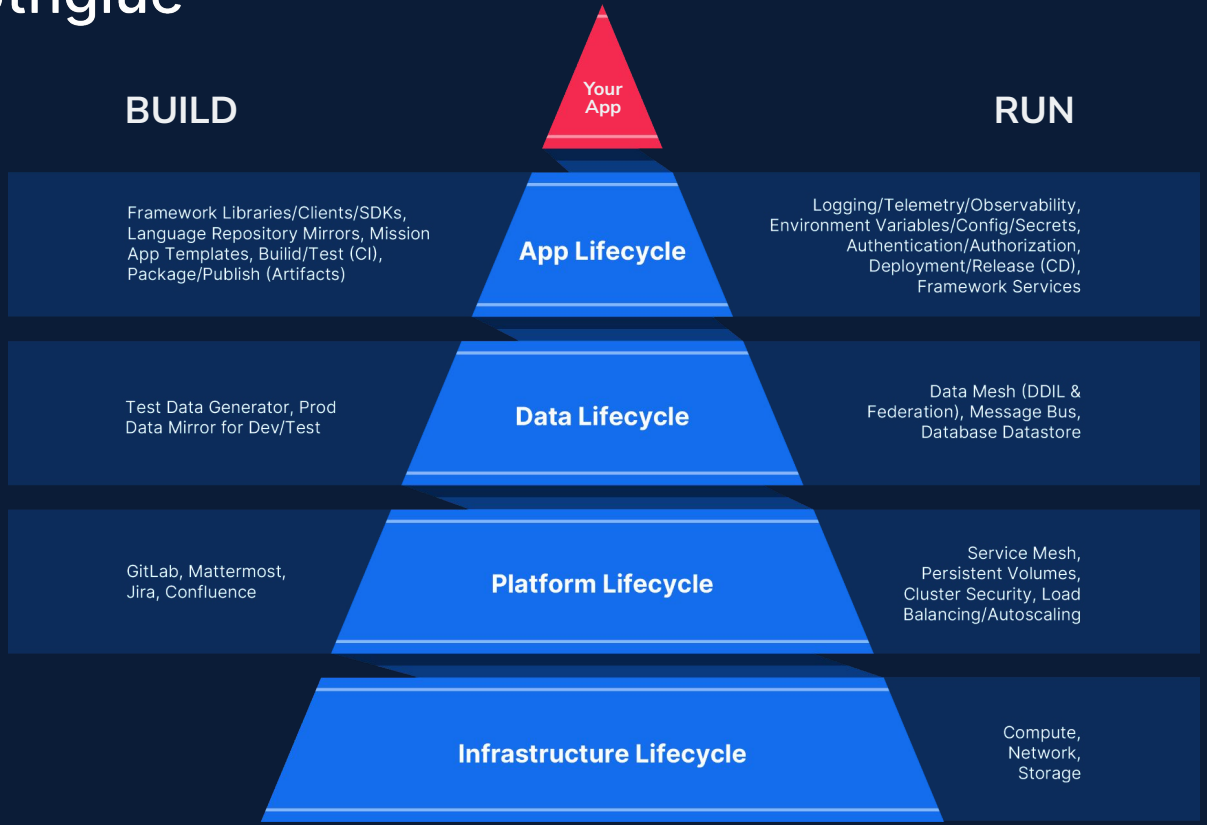
KESSELRUN

SmoothGlue

The modern Software Factory Platform - COTS product.

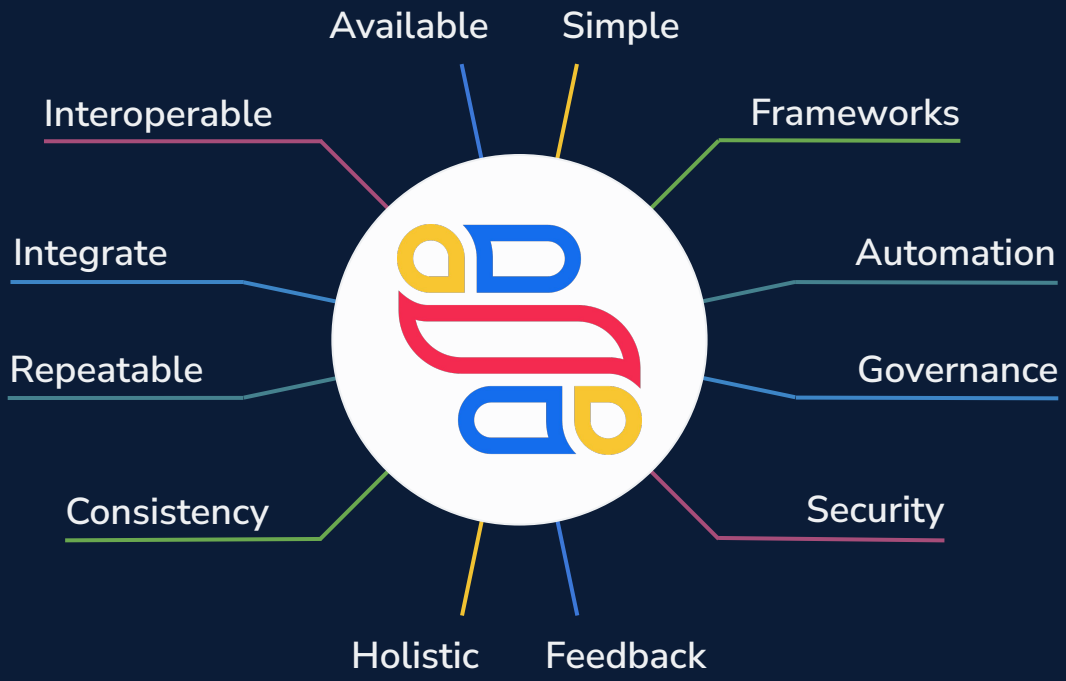
smoothglue

smoothglue


BUILD
RUN
Your App
Framework Libraries/Clients/SDKs, Language Repository Mirrors, Mission App Templates, Builid/Test (CI), Package/Publish (Artifacts)
App Lifecycle
Logging/Telemetry/Observability, Environment Variables/Config/Secrets, Authentication/Authorization, Deployment/Release (CD), Framework Services
Test Data Generator, Prod Data Mirror for Dev/Test
Data Lifecycle
Data Mesh (DDIL & Federation), Message Bus, Database Datastore
GitLab, Mattermost, Jira, Confluence
Platform Lifecycle
Service Mesh, Persistent Volumes, Cluster Security, Load Balancing/Autoscaling
Infrastructure Lifecycle
Compute, Network, Storage

Benefits of SmoothGlue

The platform’s key attributes and takeaways



Outcomes

The true impacts for Development Teams and Organizations

Fully operational Software Factory

A singular platform that consolidates, simplifies, and automates the entire modern SDLC. Ensuring **Resiliency**, **Reliability**, and **Scalability** wherever your code lives - cloud-native, on-prem, or at the edge.

Decreased time to production

An integrated and streamlined ecosystem of tools, functionality, and automated processes, achieving platform setup in weeks vice years, and enabling application software releases to production at the speed of relevance.

Quality tool sets you can trust

Get the best tools available, vetted and integrated by our engineers, so your development teams are empowered to create the most impactful and valuable applications that truly meet mission needs.

Built-in security guardrails

Our platform is trusted by national security missions that demand the most stringent standards. You get security that's built in, not bolted on, with features that help ensure the greatest code quality and security.

Maximized cost-efficiency

Every item in pursuit of empowering a software factory incurs a cost. Our unique approach to this problem space inverts legacy cost-paradigms, allowing organizations to extract the greatest value from their financial expenditures.

Revolutionized team capacity

With development teams allowed to focus on development, imagine the output velocity they will be able to achieve, as well as new opportunities organizations will uncover.

CONTACT THE TEAM

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THANK **YOU!**