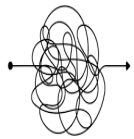




The Challenges of Payment Processing



Complexity

- Payment processing can be complex, time-consuming, and prone to errors, which can lead to frustrated customers and lost revenue.
- Traditional payment systems can also lack flexibility and fail to meet the needs of modern businesses.



Multiple Gateway Integration

- Payment processing can be a headache for businesses, requiring multiple payment gateways, complicated integrations, and manual reconciliation.



Rigid

- Traditional payment systems are often rigid and lack flexibility, which can cause problems for businesses that want to customize their payment processing.



Manual Reconciliation

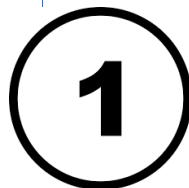
- Manual payment processing can lead to human errors, which can be time-consuming and costly to fix.

Introducing Sasai Payment & Orchestration Gateway (SPG)



Simplification

- SPG offers a streamlined payment processing solution that is easy to use and secure. SPG simplifies payment processing, eliminates errors, and improves the overall payment experience for both businesses and customers.



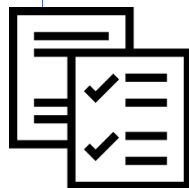
Single Integration

- SPG simplifies payment processing by consolidating multiple payment methods into a single, seamless interface.
- A unified API to connect with multiple payment gateways, allowing businesses to accept payments from multiple sources.



Flexible

- SPG platform is highly customizable, allowing businesses to tailor it to their unique needs. Platform is multi-tenant and can be white labeled for your business.



Auto Reconciliation

- Order orchestration platform ensures that every payment order concludes to its final stage.

Sasai Payment Gateway Vision : An End to End Solution for Businesses



Accept Payments

- Online Payments:
- Payment Gateway
 - Payment Links
 - Subscriptions
- In Store Payments:
- QR Payments
 - POS
 - Billing Software



Manage Your Business

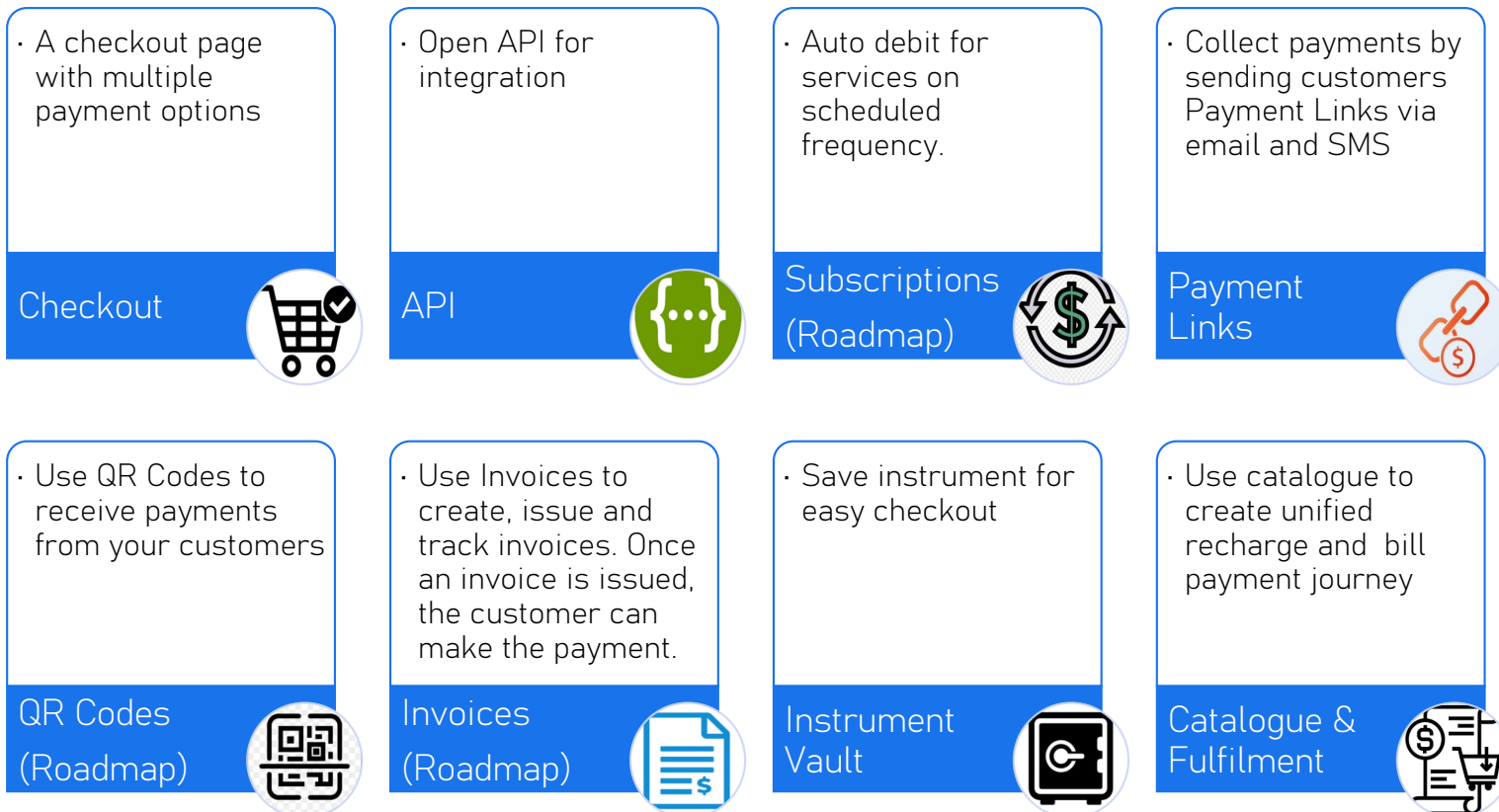
- Business Dashboard
- Business Loans
- Business accounting software
- Sasai Wallet for Business



Grow Your Business

- Sasai Ads
- Sasai Marketplace

Product Features



Product Capabilities

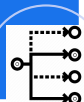
- Integrate with SPG and it'll be the last integration you ever need. We future-proof your payment landscape, no matter what comes next.

Single Integration

1

- Integrating with SPG means routing your payments, your way; whenever and however you want. Infinite control, intelligent flexibility.

Intelligent Routing



- SPG Secure Vault is PCIDSS certified. You own your customer data, not PSP. A total flexibility in switching PSP.

Central Tokenisation



- It provides a single dashboard for managing payments, refunds, and disputes, making payment reconciliation and reporting easier than ever.

Analytics and Insights



- A orchestration layer to stitch different lag of transaction and manage every transaction state.

Order Orchestration

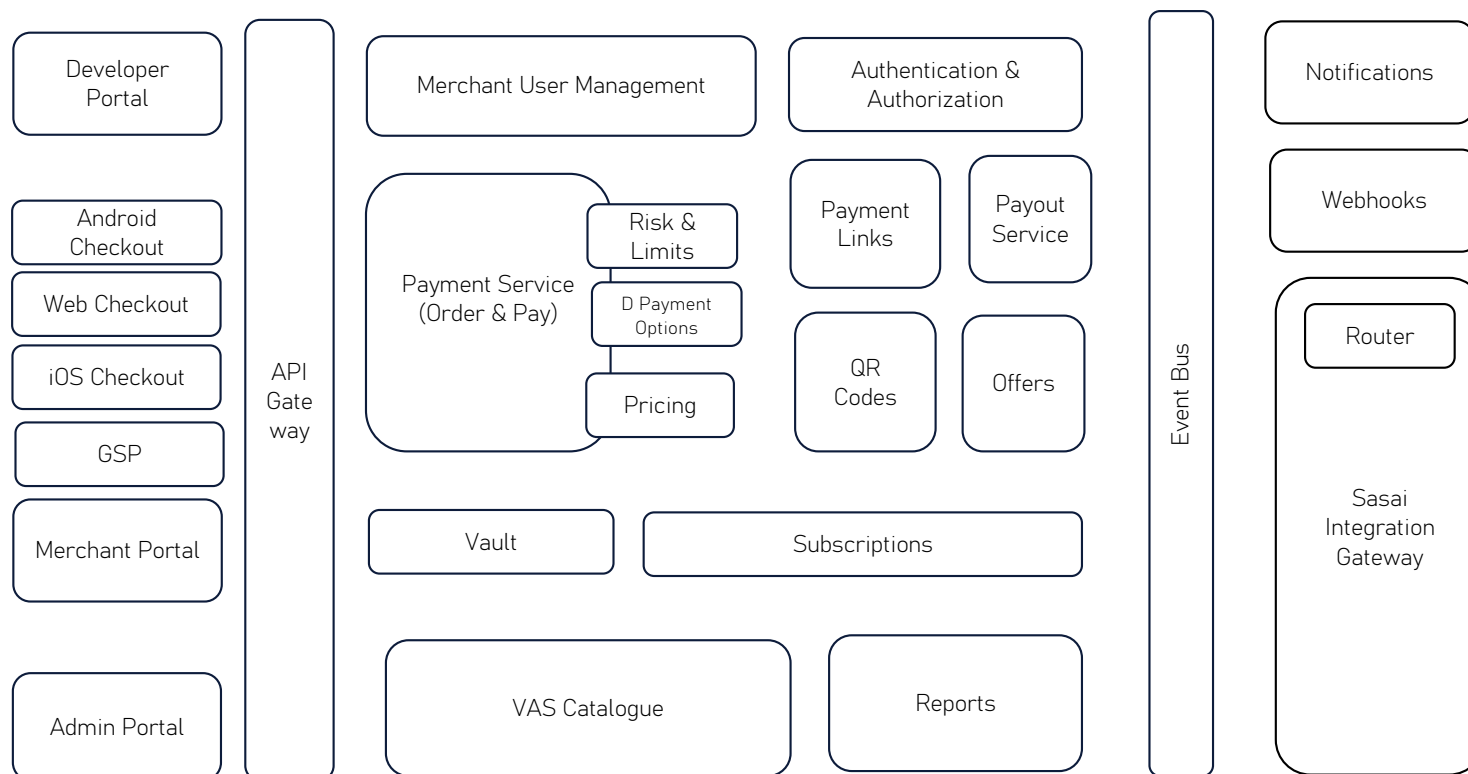


- SPG supports multi-tenancy architecture and provides a complete white label solution.

Multi-Tenant



Functional Architecture



```

graph LR
    CreateOrder[Create Order] --> PayIn[Pay In  
payment_initiated]
    PayIn -- On Success --> PayOut[Pay Out  
payout_initiated]
    PayIn -- On Pending --> CheckPayInStatus[Check Pay In Status  
payin_initiated_check_status]
    PayIn -- On Failure --> FlowComplete1[Flow Complete  
process_completed]
    
    PayOut -- On Success --> FlowComplete2[Flow Complete  
process_completed]
    PayOut -- On Failure --> Refund1[Refund  
refund_initiated]
    PayOut -- On Pending --> CheckPayOutStatus[Check Pay Out Status  
payout_initiated_check_status]
    
    CheckPayInStatus -- On Pay In Failure --> FlowComplete3[Flow Complete  
process_completed]
    CheckPayInStatus -- On Pay In Success --> PayOut2[Pay Out  
payout_initiated]
    
    PayOut2 -- On Success --> FlowComplete4[Flow Complete  
process_completed]
    PayOut2 -- On Failure --> Refund2[Refund  
refund_initiated]
    PayOut2 -- On Pending --> CheckPayOutStatus2[Check Pay Out Status  
payout_initiated_check_status]
    
    Refund1 -- On Success --> FlowComplete5[Flow Complete  
process_completed]
    Refund1 -- On Pending --> CheckRefundStatus1[Check Refund Status  
refund_initiated_check_status]
    
    Refund2 -- On Success --> FlowComplete6[Flow Complete  
process_completed]
    Refund2 -- On Pending --> CheckRefundStatus2[Check Refund Status  
refund_initiated_check_status]
    
    CheckPayOutStatus -- On Payout Success --> FlowComplete7[Flow Complete  
process_completed]
    CheckPayOutStatus -- On Payout Failure --> Refund3[Refund  
refund_initiated]
    
    CheckRefundStatus1 -- On Refund Success --> FlowComplete8[Flow Complete  
process_completed]
    CheckRefundStatus1 -- On Refund Failure --> FlowComplete9[Flow Complete (Manual Re-Con)  
process_completed]
    
    CheckRefundStatus2 -- On Refund Success --> FlowComplete10[Flow Complete  
process_completed]
    CheckRefundStatus2 -- On Refund Failure --> FlowComplete11[Flow Complete (Manual Re-Con)  
process_completed]
    CheckRefundStatus2 -- On Failure --> FlowComplete12[Flow Complete (Manual Re-Con)  
process_completed]
  
```


Intelligent Routing

SPG routing helps manage cost, better success rate and fall back to failed transactions.

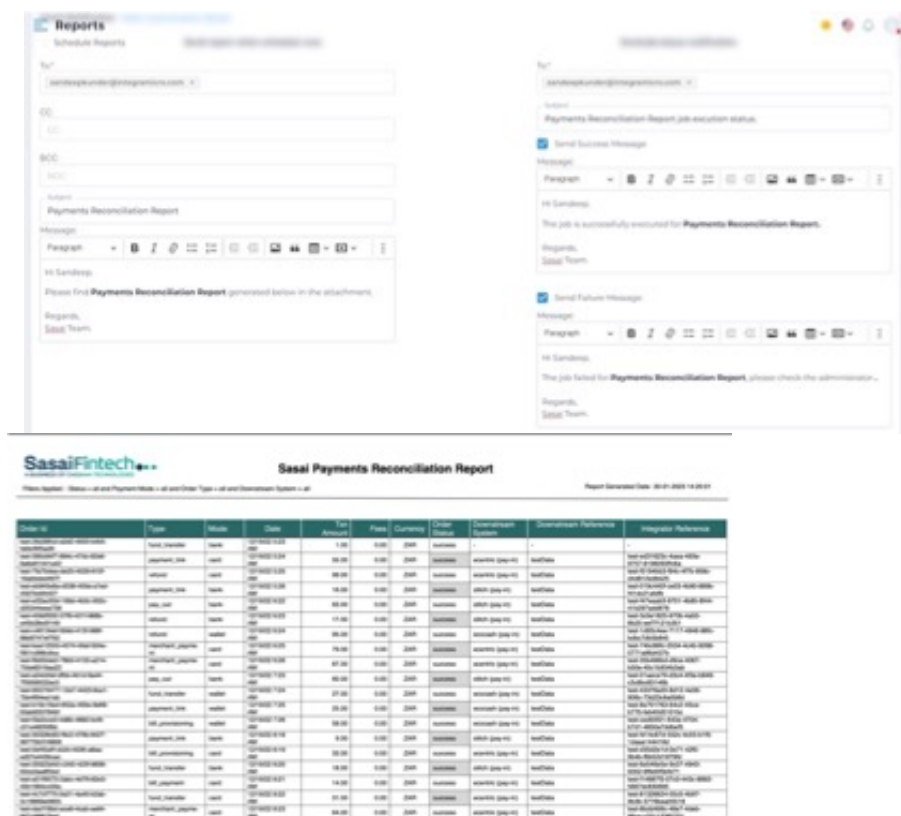
- Routing engine works on defined rules.
- Routing rules can be either or combination of any of below attributes
 - Service
 - Country
 - Currency
 - Payment Mode
 - Provider
- Routing engine distribute traffic in % for different providers based on selected rule.

The screenshot shows the 'Settings' page with the sub-header 'Manage Routing Rules'. On the left is a sidebar with icons for various settings. The main content area contains a form with the following fields:

- A back arrow icon at the top left of the form.
- Four dropdown menus: 'Country*', 'Currency', 'Payment Mode', and 'Provider'.
- A section titled 'Distribution' containing two rows of input fields:
 - Row 1: 'Integrator*' dropdown and 'Percentage*' text input, followed by a minus sign icon.
 - Row 2: 'Integrator*' dropdown and 'Percentage*' text input, followed by plus and minus sign icons.
- At the bottom are two buttons: 'Submit' (blue) and 'Cancel' (red).

Dashboard & Reports

SPG dashboards are quick way to understand transaction trends for each PSP. You can schedule reports using integrated reporting engine.



Checkout

SPG checkout is a unified checkout experience, you can keep adding integration without any change in checkout integration. Payment options are dynamically presented for every service.

Payment Request From payment-links

Payment For	Amount
Services Offered	ZAR 10.00
Reference Id	Service Type
REF001	web-portal

Customer Details

Name
Sandeep

Email
sandyisk@gmail.com

Payment Mode

- Saved Instrument (0 Saved Instrument)
- Add New Bank
- Add New Card
- Add New Wallet

Pay ZAR 10.00 Now

Secured by Tenent

Payment Request From payment-links

Payment For	Amount
Services Offered	ZAR 10.00
Reference Id	Service Type
REF001	web-portal

Customer Details

Name
Sandeep

Email
sandyisk@gmail.com

Payment Mode

- Saved Instrument (0 Saved Instrument)
- Add New Bank
- Add New Card

Card Number* 4000000000000002

Expiry* 12-24 CVV* Name on Card* Nikhil Raheja

☒ Save Card?
- Add New Wallet

Pay ZAR 10.00 Now

Payment success

Dear user please wait we will redirect you back to merchant page.

[Redirect back](#)

Secured by Easypaisa

Best Practices & Design Patterns



API First: Design first and APIs as product.



Automation : Test automation, deployment automation, monitoring automation



Security : Last mile authorization. Zero trust principle

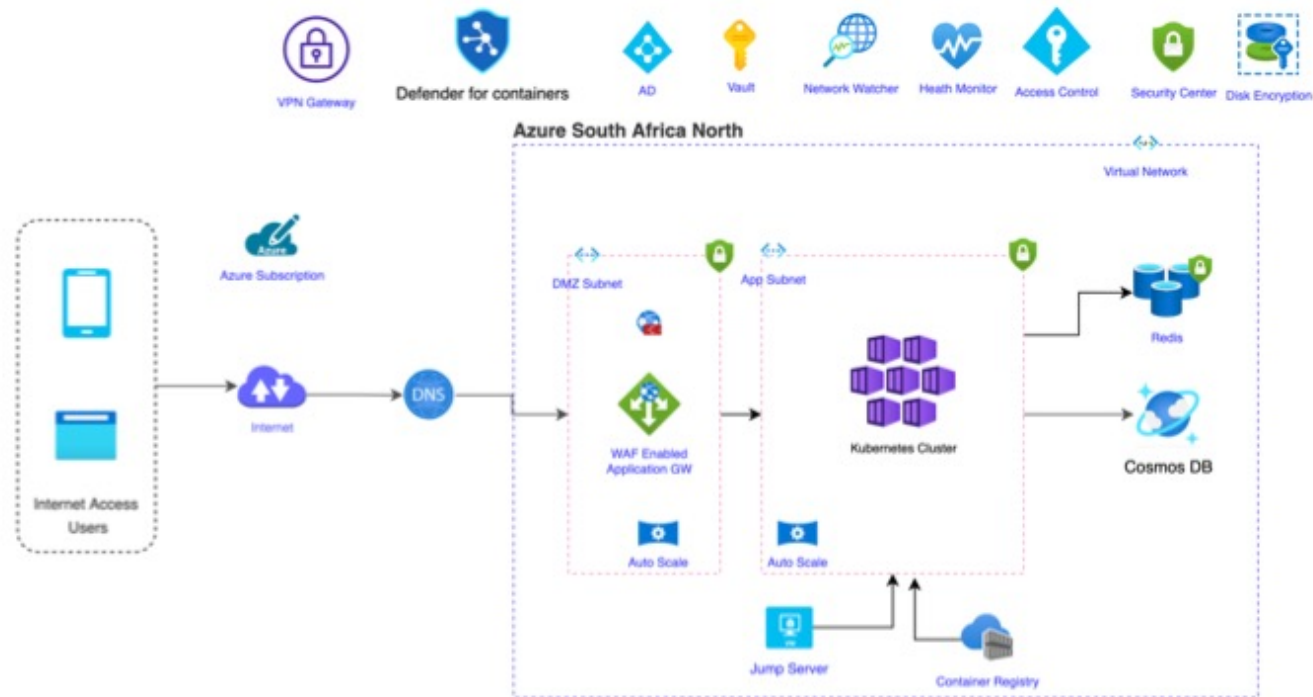


Deployment: Blue Green deployment , near zero downtime.

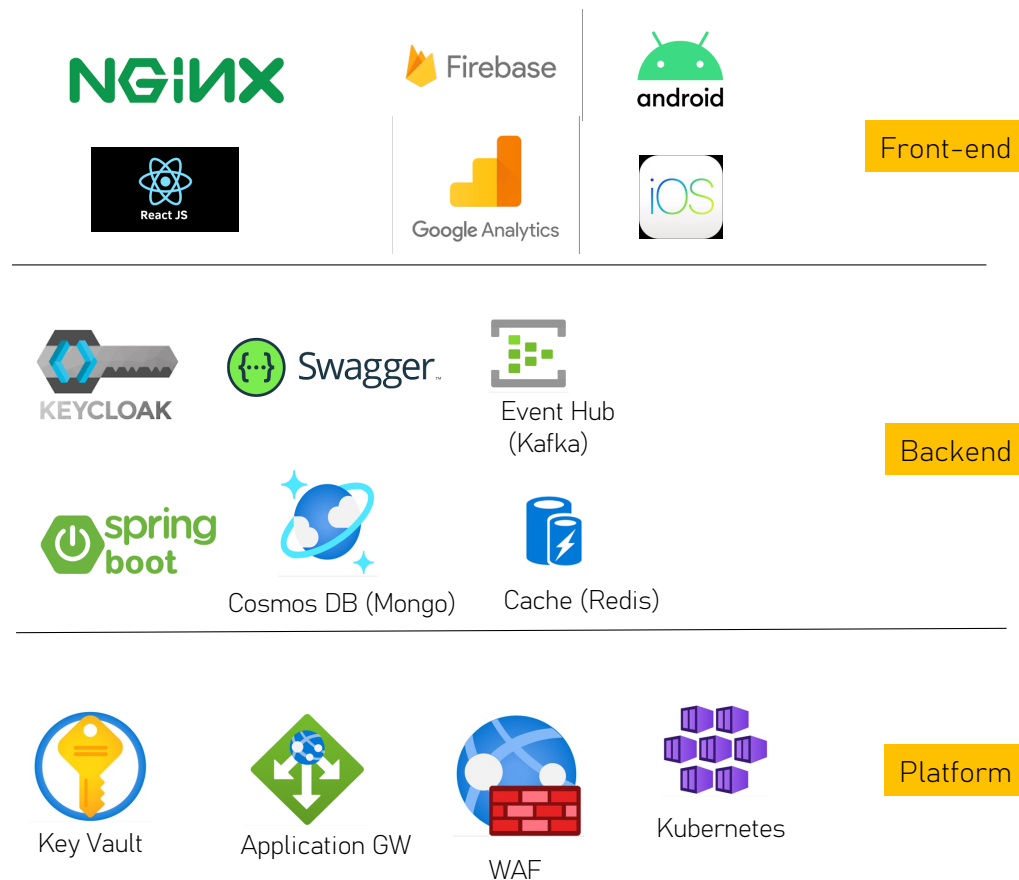
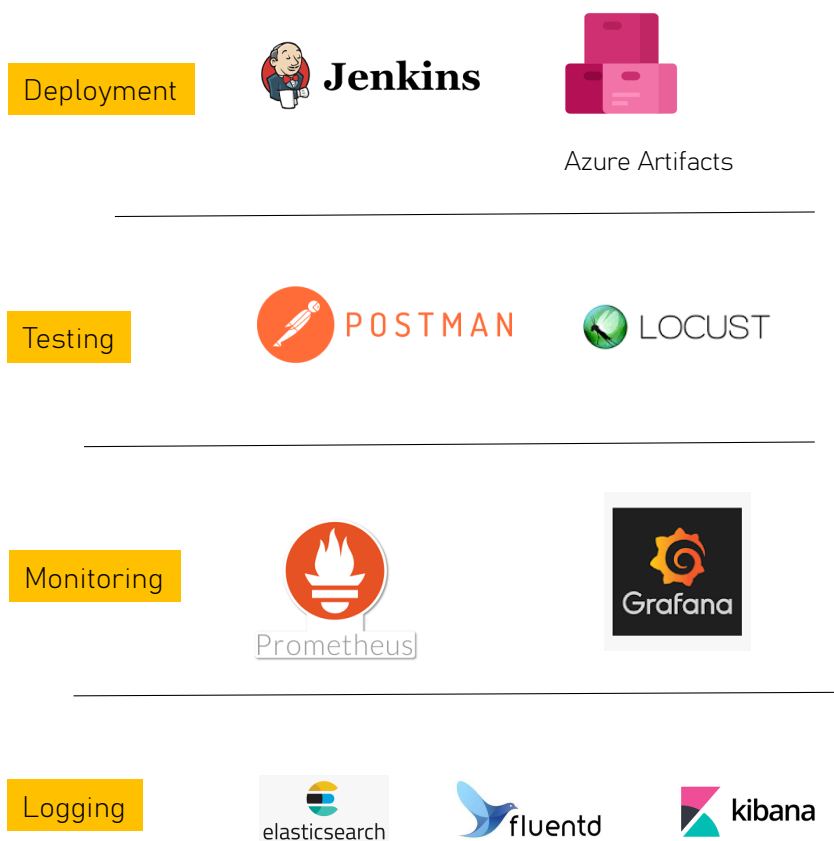


Auto scalability

Built cloud natively



Tech stack you can trust



| Thank You |