CASE STUDY

How we leveraged **AWS** to build a **SAAS platform** for an Oracle Powerhouse

Gleecus TECHLABS

Forward Thinking Digital Innovation

CAMPTRA TECHNOLOGIES

About the Customer

Camptra Technologies is a global provider of HCM solutions. They partner with businesses of all sizes, from SMBs to large firms. Their track record includes many successful worldwide implementations across various sectors. They guide their customers through their Oracle HCM transformation, focusing on tech innovation.

Challenge

Camptra Technologies LLC, with a collective 250+ years of Oracle expertise, aims to create a suite of SaaS-based B2B software. This is meant to streamline the daily tasks of clients using the Oracle cloud platform. The app suite needs to align with customers' Oracle HCM accounts, adhering to top-notch security norms. Despite handling complex, heavy-duty calculations, the apps must remain quick for end users.

The Camptra Technologies team was seeking a technology partner who could help them build a robust solution that would let them leverage AWS service offerings to have a quicker go-to-market and keep the costs and management overheads to a minimum.

💡 Solution

Gleecus TechLabs, with a history of successful AWS-focused cloud solutions, has grasped their business needs. We created an AWS solution for them that's built to be cost-effective. Their design is a serverless system that includes the following AWS services.
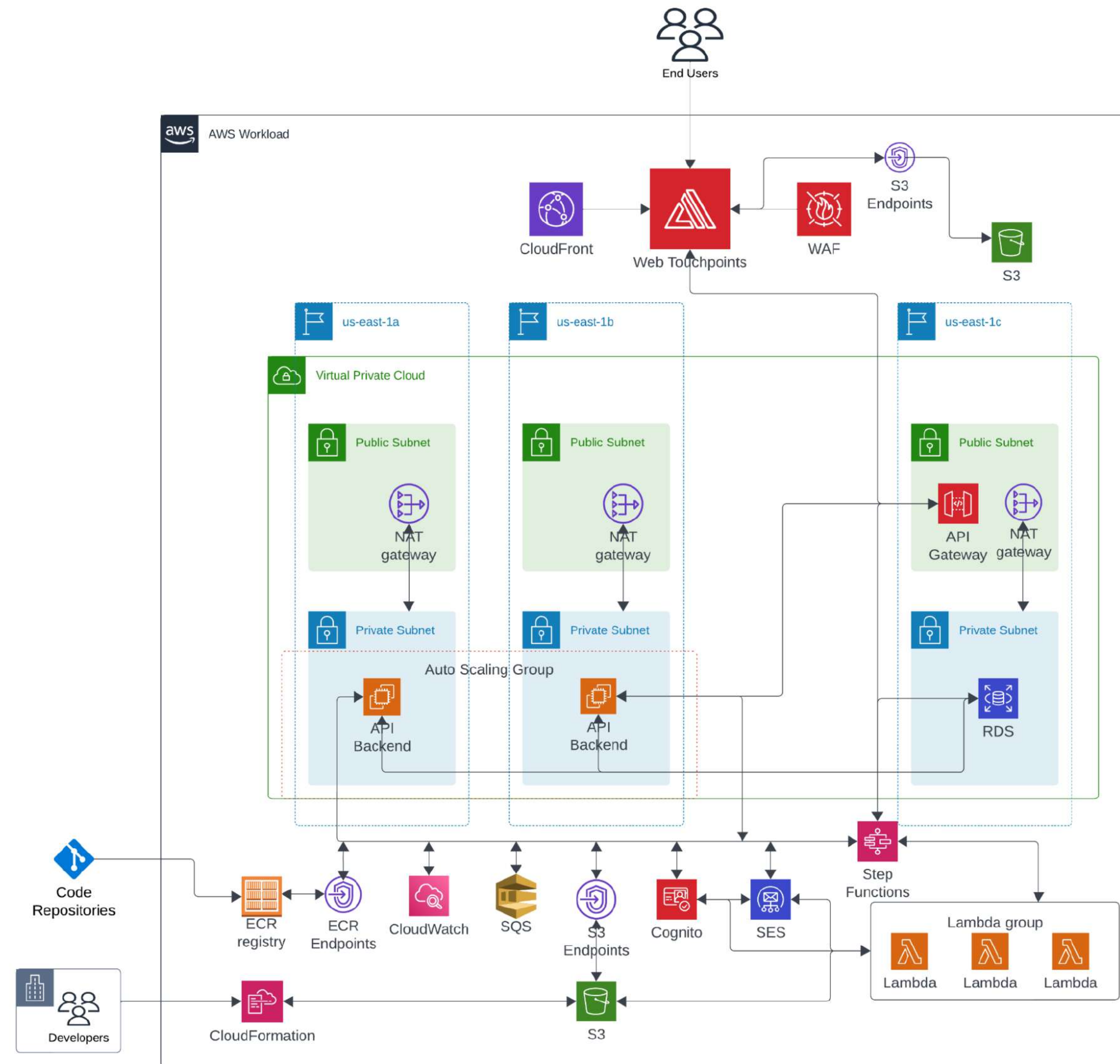
✅ Route 53 to handle the DNS propagation

✅ AWS EC2 with a managed Python environment to run the application suite with auto-scaling

✅ AWS Cognito for customer identity and access management service at scale

✅ AWS Amplify hosted user touchpoints on the web

✅ WAF for blocking any malicious HTTP/S traffic and for defending against vulnerabilities

✅ Lambda and Step functions to handle the complex processing workflows

✅ RDS for data persistence, high availability, durability, backup and recovery

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Solution

- SQS as a message queue for task queuing for Asynchronous Processing of workflows

- S3 for massive data storage at low cost

- API Gateway for security from web exploits and better networking experience

- SES for transactional and marketing email workflows

- ECR for storing docker container images

- Cloudformation templates for easy orchestration of AWS services

- Cloudwatch and Cloudtrail for Monitoring and Observability of the AWS services

Architecture

End Users

AWS Workload

CloudFront
Web Touchpoints
WAF
S3 Endpoints
S3

us-east-1a
us-east-1b
us-east-1c

Virtual Private Cloud

Public Subnet
NAT gateway

Public Subnet
NAT gateway

Public Subnet
API Gateway
NAT gateway

Private Subnet
Private Subnet
Private Subnet

Auto Scaling Group
API Backend
API Backend
RDS

Code Repositories

ECR registry
ECR Endpoints
CloudWatch
SQS
S3 Endpoints
Cognito
SES
Step Functions

Developers

CloudFormation
S3

Lambda group
Lambda
Lambda
Lambda

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Impact

Camptra Technologies signed up for the Oracle Cloud World in Las Vegas, in September 2023 to showcase their B2B product along with their other service offerings. They managed to spark interest in their product among the visitors to the conference.

Since the meetup, Camptra Technologies has **onboarded over 25+ clients** to the platform. Now, Camptra Technologies aims to enrich the product features and make it into a more mature product thereby increasing its customer base. They are about to embark on the development based on the comprehensive 18-month delivery plan presented by **Gleecus**.

Impressed by what you've seen?

In need of a Digital Innovation Partner that helps create real impact?

Reach out to us at **hello@gleecus.com**
and let's craft brilliance together!

What is Gleecus?

Gleecus TechLabs Inc. (referred to as Gleecus) is a **Forward Thinking Digital Innovation Company** with deep focus areas on Cloud, Data, Product Engineering, AI and Talent.

Gleecus is one of the fastest growing IT innovation partner for Startups, SMEs and Enterprises globally.

We combine Strategy, Technology Expertise, User-Experience Prowess and LEAN Delivery Processes to help our customers and their products/solutions reach their business goals in time. Every time!

FORWARD THINKING is at the core of our business values, our consulting approach and our internal workforce. This also makes us the right choice for Enterprises on their path for Digital Transformation.

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aws partner network

Thank you

Feel free to connect with us.

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