KloudEdge

Digital Transformation Partner

SOFTWARE AS A SERVICE

DEVELOPMENT SERVICES

amazon web services

Microsoft Azure

Inquiry at: Sales@KloudEdge.com

We provide 360° Client Enablement Services

At KloudEdge, we provide a diverse range of custom development and technical solutions to cater the specific needs of businesses. Our team comprises highly skilled experts who are renowned for their proficiency in delivering top-quality services within their respective fields.

BUSINESS ANALYSIS

- Project Discovery
- Requirements Management
- Software Requirement Assessment
- Project/Product Scoping & Prioritization
- Prototyping/Wireframing
- MVP Scoping
- Solution Evaluation
- Product Health Check
- R&D for ideation
- Proof of Concept

UI \ UX SERVICES

- Design Consultation
- Design Workshop
- Wireframes
- Prototyping
- UI/UX Assessment
- Validation & Delivery UX Audit
- Data visualization
- Cross-platform experiences design

SaaS \ WEB DEVELOPMENT

- Application Assessment
- Integration Services
- Cloud Native Applications Development
- Application Modernization
- Bespoke application development
- Mobile App Development

QUALITY ASSURANCE

- Automated Testing
- Manual Testing
- Performance Testing
- Installation Testing
- Usability Testing
- Compatibility Testing
- Cross-browser Testing
- Web Application Testing
- Agile Test Automation
- Software Testing
- Security Testing

CLOUD & DEVOPS

- CI/CD Pipelines
- Configuration Management
- Microservices Deployment
- Infrastructure as Code
- Cloud Assessment
- Cloud Security
- Cost Optimization
- Cloud Migration
- Multi-Cloud Solution
- Designing & Deployment

DATA SCIENCE

- Data Management
- Data Integrations (ETL)
- Data Tuning & Optimizations
- Business Intelligence
- Data Insights
- Data Visualizations
- Big Data
- Real-Time analytics
- Data Warehousing
- ML/AI

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ONE STOP SHOP

www.KloudEdge.com

Demand Drivers For SaaS Applications

- Scalability & Flexibility
- Cost Effectiveness
- Accessibility & Collaboration
- Rapid Deployment & Updates
- API Integration
- Pricing & Subscription

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WHY IS THE FOUNDATION OF EVERY GREAT SERVICE

Challenges	Resolutions
Complex Requirements Gathering	Requirement elicitation techniques
Scalability Challenges	Architectural Best Practices
Data Security and Compliances	Implementing encryption, Access Controls
Integration Complexity	Adopting the integration standards
User Experience	User-Centric Design Methodologies
Cost Management	Cost Optimization Strategies
Vendor Lock-In	Adopting interoperable standards and APIs

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KNOWING YOUR PAIN POINTS IS THE KEY

Core Services

Features :

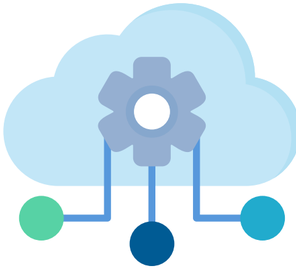
1. Tailored Solutions.
2. Scalability.
3. Automation.
4. User Experience.
5. Security.
6. 24x7 Support.
7. Certified Teams

Benefits :

1. Faster time to market.
2. Scalability and flexibility.
3. Cost-effectiveness.
4. Access to specialized expertise

Custom SaaS Application Development

SaaS Product Strategy and Consulting



SaaS Integration Services

SaaS Migration and Modernization

Ongoing Support and Maintenance

Staff Augmentation

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TRANSFORM YOUR IDEA INTO FUTURE DIGITAL ASSET

SaaS Development Process

Agile Delivery Model

1. Planning
2. Development
3. Testing
4. Automation
5. Delivery
6. Maintain
7. Repeat

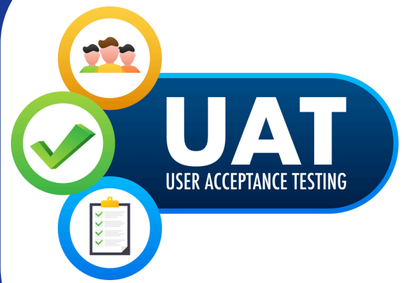
1. Business and Requirement Analysis

2. Project Planning

3. Design and architecture

3. Development and testing

4. Security and Compliance



5. User Acceptance Testing

6. Production Deployment

7. Maintenance and Support

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PROCESS IS THE KEY

SAAS TECHNOLOGY LANDSCAPE

Microsoft Azure

Backend Development

Programming Languages
C# (.NET Core) ,Node.js, Python

Framework
ASP.NET Core

Database
Azure SQL Database, Azure Cosmos DB

Authentication/Authorization
Azure Active Directory (Azure AD)

Microservices Architecture
Azure Kubernetes Service (AKS), Azure Service Fabric

Frontend Development

Web Framework
Angular, React, or Vue.js

UI/UX Design
Azure App Service, Azure Static Web Apps

State Management
Redux (for React) or Vuex (for Vue.js)

Responsive Design
Bootstrap or Tailwind CSS

DevOps and CI/CD

Version Control
Azure DevOps ,GitHub

CI/CD
Azure Pipelines

Monitoring and Logging
Azure Monitor, Application Insights

Additional Azure Services

Messaging and Event Streaming
Azure Service Bus, Azure Event Hubs

Serverless Computing
Azure Functions

Storage
Azure Blob Storage, Azure Table Storage

Network Services
Azure Virtual Network, Azure DNS, Azure Content Delivery Network (CDN)

Security Services
Azure Security Center, Azure DDoS Protection, Azure Key Vault

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TOOLS MAKE IT EASY

SAAS TECHNOLOGY LANDSCAPE

Backend Development

Programming Languages
Node.js, Python

Framework
Flask or Django (for Python), Express.js (for Node.js)

Database
Amazon RDS, Amazon DynamoDB

Authentication/Authorization
AWS Cognito

Microservices Architecture
AWS Lambda, Amazon ECS or Amazon EKS

Frontend Development

Web Framework
Angular, React, or Vue.js

UI/UX Design
Amazon S3, AWS Amplify

State Management
Redux (for React) or Vuex (for Vue.js)

Responsive Design
Bootstrap or Material-UI

DevOps and CI/CD

Version Control
AWS CodeCommit ,GitHub

CI/CD
AWS CodePipeline

Monitoring and Logging
Amazon CloudWatch, AWS X-Ray

Additional Azure Services

Messaging and Event Streaming
Amazon SQS, Amazon SNS, Amazon Kinesis

Serverless Computing
AWS Lambda

Storage
Amazon S3, Amazon EBS

Network Services
Amazon VPC, Amazon CloudFront, Load Balancers

Security Services
IAM, AWS WAF, Amazon GuardDuty, AWS KMS, AWS Shield etc.

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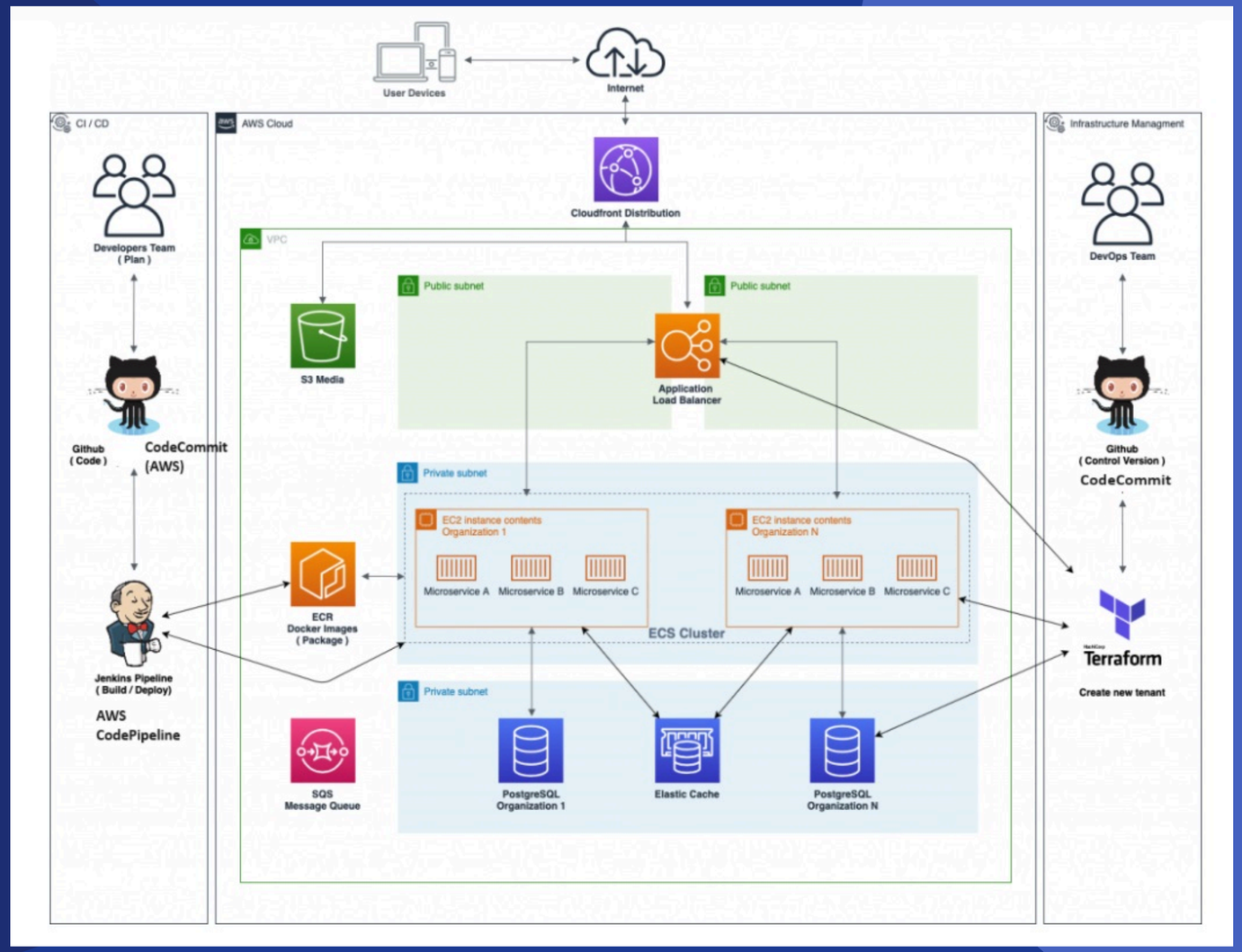
TOOLS MAKE IT EASY

TYPICAL ARCHITECTURE



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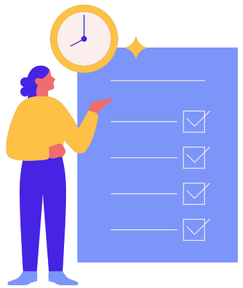
BASED ON BEST PRACTICES AND PLATFORM GUIDELINES

SAAS DEVELOPMENT TEAMS

Business Analysis Team



Project Management Team

SaaS Development Team

Cloud and DevOps Team

Quality Assurance Team

Data Science Team

Ongoing Support Team

Benefits of partnering with us!

1. Faster time to market.
2. Scalability and flexibility.
3. Cost-effectiveness.
4. Access to specialized expertise

For Profiles and Pricing
Sales@KloudEdge.com

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SUCCESS IS ALL ABOUT TEAM WORK

STAFF AUGMENTATION

Managed Teams

Individual Technologist

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HUMAN RESOURCE MANAGED SERVICES

STAFF AUGMENTATION PROCESS

1 Requirement

2 Shortlisting

3 Client Interview

4

Accurate Skill Profiling
Comprehensive understanding of candidate capabilities. Realistic evaluation of potential contributions to the project

Efficient Talent Selection
Identify the best-fit candidates efficiently. Minimize onboarding time and ensure project readiness

Task-driven Assessment by client

5 Onboarding

6 Engagement

7 Reporting

8 Retention

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A WIN-WIN PROCESS

INDUSTRIES

- Retail
- E-Commerce
- Construction
- Insurance
- Healthcare
- Hospitality
- Food & Beverages

WAY FORWARD...

www.KloudEdge.com

GLOBAL FOOTPRINT

AUSTRALIA

30 fairhaven Avenue
Harisdale,6112 Perth
Western Australia.
Phone: +61 420205344
Email: inquiry@kloudedge.com

PAKISTAN

322-A, Babar Block,
Bahria Town, Lahore
Punjab, Pakistan.
Phone: +92 300 4521342
Email: inquiry@kloudedge.com

Inquiry at: Sales@KloudEdge.com