trbhi

Digital Transformation
"White Glove" Journey to Cloud Experience

CLOUD ENGINEERING

Today's business are required to provide superior digital experience, intelligent decision making, faster and secure products/services to their customers. We at Trbhi, partner with our clients to help them achieve their Transformation goals with innovative, value driven, tailored approaches that have proven to be successful in our engagements.

Irrespective of where you are in the Cloud Journey our team of experts will assist you with designing customized approaches to achieve and realize the business goals.Whether moving your Platforms, Application and Infrastructure to cloud or operate in a Hybrid environment to achieve efficiency , cost savings and productivity our team is there to guide you through the entire journey. As Microsoft Azure ,Google Cloud experts we help businesses in development, transition, management and expansion into Azure or GCP environments.

Boost Agility & Accelerate Growth

Containerization
Our expertise in containerization, rapid provisioning of cloud infrastructure, deployment and configuration of cloud SaaS products has helped our clients in sales enablement, training & automated tests of cloud products. we have deep expertise in designing and integrating global payment systems for pay per use model of cloud products.
**Key metrics:** 1000+ containerized apps, 100+ users, 30+ countries

Application Development
Our expertise helps customers in their Journey to Cloud where we support lift & shift, hybrid & cloud native distributed web application development with continuous deployment support for web applications and databases. We have expertise handling long running workflows & enterprise messaging systems in the cloud. We design & implement our solutions for multi cloud architecture.

Security & Compliance
We have expertise in delivering solutions with country specific & industry specific compliances. We design solutions to secure data at rest and in transit. Our customized identity & security management systems ensure encryption and auto recycling. Our SIEM implementation aggregates security events and helps to react and proactively manage security incidents and security anomalies. We ensure application, platform, infrastructure & physical security.

Containerization

Application Development

Security & Compliance
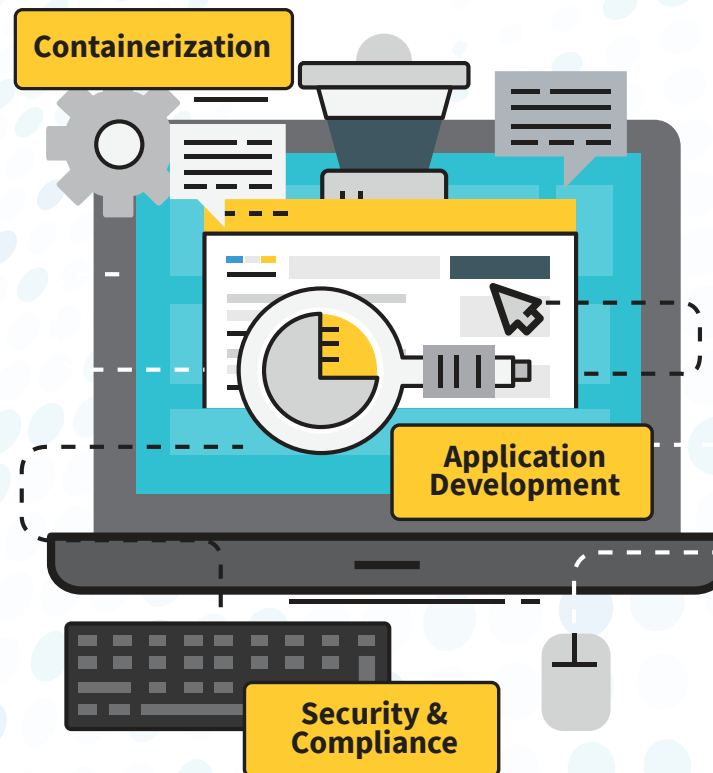
Our Expertise

Services we offer

- **Cloud Migration**
- **Cloud Application Development**
- **Containerization**
- **Cloud Security**
- **On premises to Hybrid environments**
- **Multi-Cloud Support**
- **DevOps Support**
- **Cloud Pricing Strategy**

Technologies

- **Microsoft Azure Cloud**
- **Google Cloud**
- **ASP.NET / Web API**
- **C#**
- **NoSql / Sql**
- **Microservices**
- **Angularjs /Node.js**
- **GIT**
- **Java**
- **Python**
- **Ruby**
- **Docker**
- **Kubernetes**
- **Big Data: MongoDB, Cassandra, HBase, Elastic Search**

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Azure Certified Partner

Google Cloud

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API ENGINEERING

Business needs often change quickly in response to ever shifting digital markets, where a new service or product could disrupt the entire industry. It is imperative that Enterprise applications reach maximum potential by integrating external and internal systems alike leveraging data and functionality.

Trbhi has recognized this shift in the importance of API's and the importance of delivering scalable and secure API development services for our clients. Our team of experts can analyze your current processes, architecture and help you make the right choice of API management and API integration solutions to unleash the potential and deliver value to your customers.

We are a design first api engineering team with proven experience in delivering a Level 3 – Richardson Maturity model hypermedia API. Our architectural experience in large scale distributed systems and end to end API lifecycle management, brings in unique approaches and methodologies in developing cross industry enterprise API apps.

Deliver Tangible Results
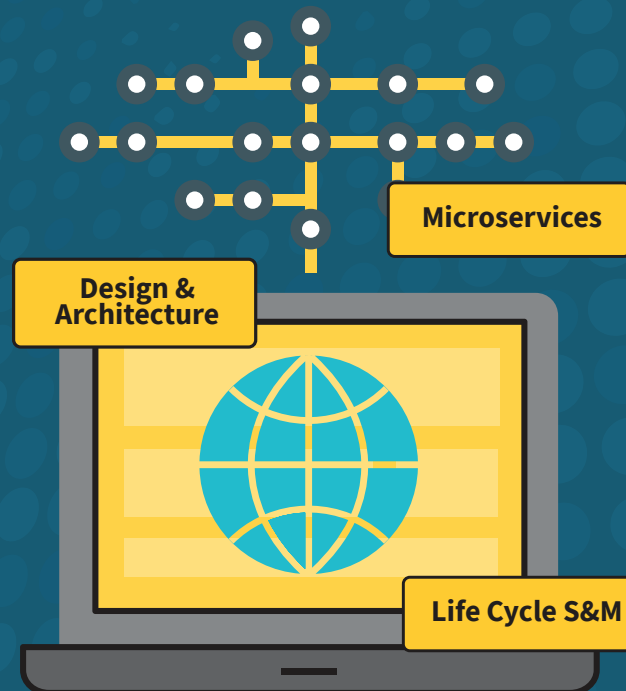
Design & Architecture
We have experience in building design first implementation approach in developing a RESTful hypermedia API for industry specific solutions. Our stateless design helps customers in horizontally scaling the api infrastructure & ability to leverage full potential of cloud's elastic infrastructure. We have experience architecting API apps to be fault tolerant, resilient, performant & scalable.

Life Cycle S&M
We have experience in managing end to end lifecycle management of api's including usage based monetizing. Our secured, scalable, monitored api infrastructure helped us to set up a 247 support model for incident management for defined SLA's. We have experience in designing and running an efficient ITIL service support model to handle problem management, change management, knowledge management, availability management along with SLA based incident management.

Microservices
We have experience transforming SOA based monolithic enterprise applications to microservices. Our unique phased rollout approach takes into account enterprise's people, process & technology through the journey towards microservices architecture. Our container first design helps to run microservices in multi container orchestration platforms like Kubernetes and a service mesh like Istio. we design microservices to be scalable, resilient, easy to deploy.

Microservices

Design & Architecture

Life Cycle S&M

☁ Services we offer

- API Design & Architecture
- API as a service
- API Lifecycle Support & Management
- Third Party Integration

⊞ Technologies

Apigee	Redis
Mulesoft	MongoDB
Azure	Eastic Search
Restful API	Logstash
Swagger	Kibana
OpenAPI	GraphQL
Apiary	Grafana
Postman	Influxdb
.NETcore	Service Bus
Node.js	Cosmos DB
Docker	Azure
Kubernetes	AWS
Istio	GCP
Apigee	Machine
Stripe	Learning

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CLOUD OPERATION

As enterprises move to multi-cloud, hybrid architectures driven by digital transformation Enterprise IT must evolve from ITIL based processes to shared self-service processes for DevOps excellence. Utilizing CloudOps in conjunction with DevOps offers your operation more speed, scalability and productivity. Complex distributed applications require end to end management. Our team of experts in APM, Capacity, Monitoring, Automation will give you the power to ensure flawless customer experience. Our approach delivers dynamic baselining, application mapping, code level diagnostics, monitors business transactions and identifies customer impacting issues quickly and precisely from user device, application, infrastructure to databases in real time. Our deep expertise ensures continuous improvements in your operating environment through automation and helps you achieve predictive management.

By automating provisioning of multi cloud infrastructure, deployment of softwares, maintenance of infrastructure, we could scale cloud operations on an exponential customer growth scenario with stability and reliability.

## Increase Speed, Scalability & Productivity

Automation
Our matured approach in automating provisioning of infrastructure in multi cloud & hybrid environments, maintenance of infrastructure and software deployments, helps us to deliver high quality operational service with high efficiency. Change is constant in our automation projects. We run agile releases for all our automation projects.

Monitoring
Our monitoring as a service solution is custom made to monitor infrastructure, application in detail with data collection, data storage & retention, data visualization at scale to support multi tenant time series data. We also monitor web apps for uptime, availability. We have experience in building a custom APM environment to cater the needs of complex enterprise systems. Our powerful monitoring framework helps teams in handling problems & incidents real time with agreed upon SLA's.

Self Service
We embrace self service in all our operational automation. While providing round the clock support for our customers in operations, we also deliver frequently used operational requests in a self service model in a web portal. What we develop is an abstraction on top of multi cloud portals for the business. We build cloud native web applications with integrations to provision, monitor, deploy solutions for enterprises.

Automation

Self Service
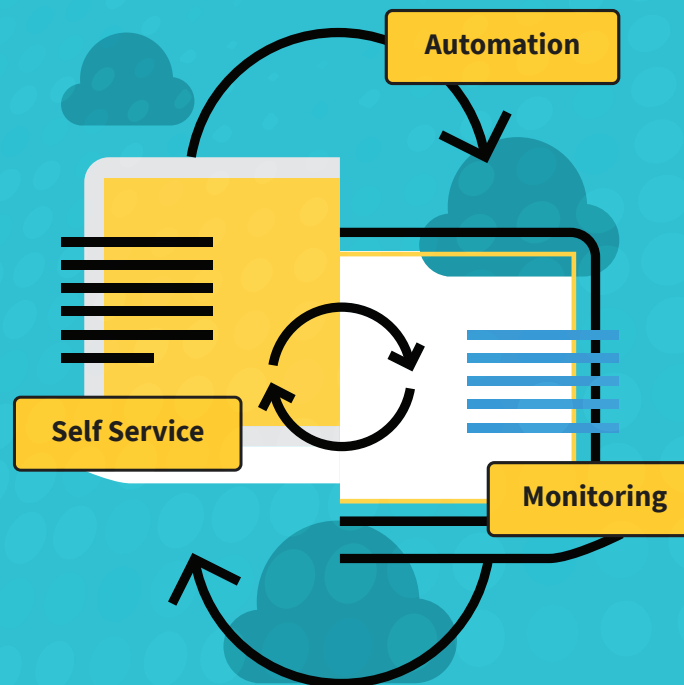
Monitoring

Our Expertise

Services we offer

- Application Performance Management
- Capacity Management
- DevOps Monitoring
- Microservices Monitoring
- Cloud Monitoring
- Automation, Security & Availability

Technologies

- Azure App Insights
- Consul
- Ansible
- Terraform
- Chef
- Puppet
- SolarWinds
- New Relic
- Stackify
- Dynatrace
- Linux
- Windows
- Kubernetes
- Istio
- Docker