



STRATEGIC  
TECH  
SOLUTIONS

CONNECTING BUSINESS & TECHNOLOGY



OUR SERVICE

# CUSTOM SOLUTIONS DEVELOPMENT

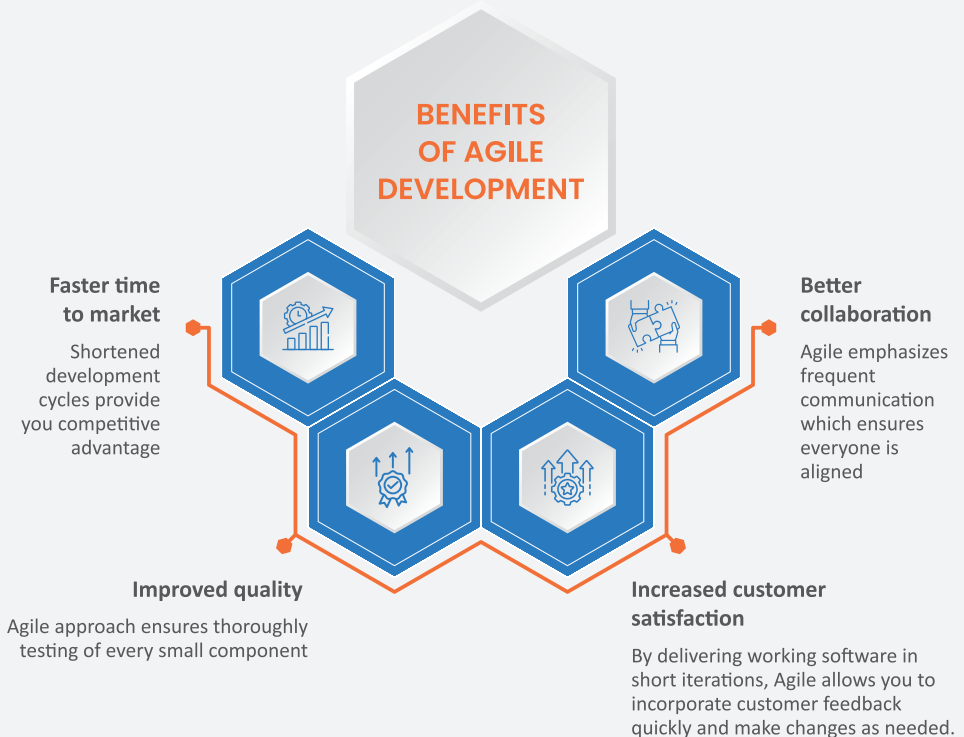
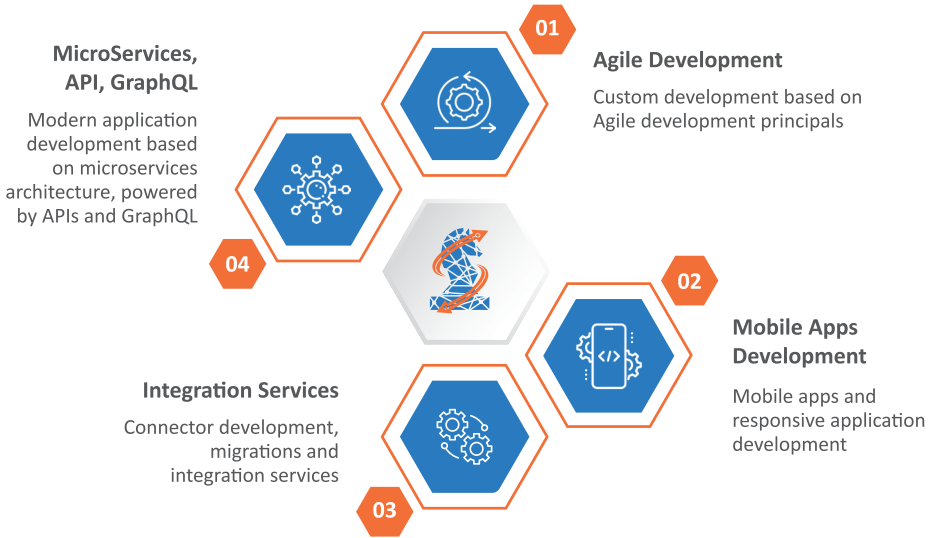
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Develop and implement software applications that are tailored to meet your specific needs and requirements. Use our full-stack development expertise to fulfill the unique needs of your customers. Our wide range of expertise helps you build solutions for a variety of platforms and devices, such as desktop computers, mobile devices, and web-based applications. Make use of our cloud expertise in AWS, Azure and GCP to modernize your systems. Leverage Microservices and API based architectures to build rapidly scalable and customizable applications.



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# CUSTOM SOLUTIONS DEVELOPMENT AT STS



# MICROSERVICE, API, GRAPHQL – BENEFITS

## Scalability

Microservices allow for horizontal scaling, which means you can add more instances of a service to handle increased demand.

01

02

## Flexibility

APIs and GraphQL offer flexibility in accessing data and functionality, making it easier to add new features or integrate with external systems.

03

## Resilience

Microservices can be designed to be fault-tolerant, so that if one service fails, it won't affect entire system. They also offer error handling & detailed error messages to diagnose issues.

04

## Better Resource Utilization

Microservices can be deployed on different infrastructure, so you can use the best technology stack for each service. This leads to better resource utilization & savings.

05

## Improved Development Velocity

With microservices, teams work independently and deliver new features more quickly. APIs and GraphQL make it easier for teams to collaborate, reducing development time.

06

## Increased Agility

You can add or remove services as needed, change APIs or GraphQL schemas, and iterate on features more quickly. Providing better agility in responding to changing business requirements.

## MOBILE APPS DEVELOPMENT

### Native App Development

01

Building apps specifically for a particular mobile platform, such as iOS or Android, using platform-specific languages and tools. Native apps provide the best performance and user experience but require separate development efforts for each platform.

02

### Cross-Platform App Development

Building apps that can run on multiple platforms using a single codebase. Popular cross-platform frameworks include React Native, Xamarin, and Flutter

03

### Hybrid App Development

Building apps that run inside a native container, using web technologies such as HTML, CSS, and JavaScript. Hybrid apps can be built using frameworks such as Apache Cordova or Ionic.

04

### Progressive Web Apps (PWA)

Building web applications that can be installed on a user's mobile device like a native app, but are actually websites that run in a browser. PWAs offer a responsive and user-friendly experience, but are limited in terms of access to device-specific features.

## Platform specific Integrated Development Environments (IDE)



Xcode



Android Studio



titanium



Xamarin



React Native



appcelerator



Flutter

Cross platform frameworks for building native iOS and Android Apps

## API Integration

APIs to connect different applications, allowing them to communicate and share data in real-time.

01

02

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## INTEGRATION SERVICES

### Data Integration

Combining data from different sources and formats into a unified view. This can include integrating data from databases, cloud storage, or other data sources.

### Enterprise Application Integration

Integrating different enterprise applications such as ERP (Enterprise Resource Planning), CRM (Customer Relationship Management), and SCM (Supply Chain Management) systems to work together seamlessly.

### Cloud Integration

Integrating on-premise systems with cloud-based applications or platforms such as Salesforce, Amazon Web Services, or Microsoft Azure.

### Mobile Integration

Integrating mobile applications with other systems or applications, allowing them to share data and work together seamlessly.

## B2B Integration

Integrating different systems between two or more businesses to facilitate the exchange of data and transactions.



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