Cloud Application Development

Accelerate your digital growth

Executive Summary

Enterprises are increasingly embracing the economics, speed and scale of public cloud platforms to drive their digital and growth agenda. At the same time the Microsoft® Azure platform is fast becoming a leading choice for migrating existing applications or building a new generation of applications which take advantage of a global network of datacenters, accelerated deployment times, and increased efficiencies and cost savings. At Avanade, we believe the cloud can deliver the speed you need to become a digital business and we bring expertise to help you take full advantage of the cloud and Microsoft® Azure.

What is Avanade's Cloud Application Development Offering?
Avanade's cloud application development offerings help you take advantage of everything Microsoft Azure has to offer – from migrating legacy applications to creating custom solutions which exploit the full value of the platform. Avanade's offerings include cloud roadmap and strategy assessments, cloud application migration, datacenter extensions, cloud services for mobile devices and sensors, and custom web and cloud scale applications. Additionally, Avanade can help you navigate the security, governance, and integration challenges often associated with a move to the cloud and provide managed services for your cloud applications.

"With a global network of Microsoft data centers at our disposal, Aidmatrix can more easily grow the international side of our business, helping more people in more locations while spending less. It's a great position to be in, and Accenture and Avanade helped us get there."

— Michael Ross, Vice President, Delivery, The Aidmatrix Foundation

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Cloud can accelerate your digital journey

Successful enterprises today are driving growth with digital experiences which effectively connect systems, people, devices and insight. The ability to respond rapidly to market needs through innovative digital applications is fast becoming a competitive necessary. The cloud can play a crucial role in this journey by providing the speed enterprises need in order to become digital businesses.

But the cloud often introduces new complexity

Organizations have heterogeneous IT environments with varying requirements and often face complex tradeoffs in maximizing benefit while minimizing risk – including identity, security, integration, and governance. The cloud can also bring additional complexity by introducing new approaches to development, delivery and management – including refactoring existing applications, faster and more frequent releases, and increased interdependence between development and operations.

Choose a cloud-first approach with Avanade

With a core competency in Application Development on the Microsoft platform and a preferred partnership for Microsoft Azure, Avanade is uniquely positioned to help you with your cloud application development needs. We can help you

- Identify and prioritize the right applications to migrate or build new for Azure

- Deliver skills to build modern business applications that take full advantage of cloud scale and requirements

- Provide Managed Services and an agile, continuous delivery model based on rapid iteration using the cloud
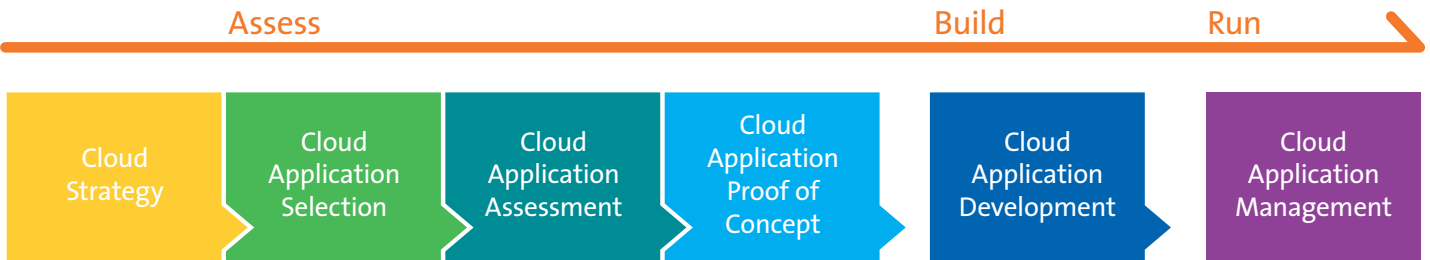

Benefits of Avanade Cloud Application Development

- **Focus on innovation** by harnessing learnings from worldwide brands migrating and deploying applications on Microsoft Azure with expertise from the Preferred Partner for Microsoft Azure

- **Drive new growth** from cloud connected scenarios for intelligent systems and mobile devices with expertise from the Microsoft Mobility Partner of the year for 2012, 2013 and 2014

- **Accelerate time to market** with new solutions deployed to the cloud using industry leading development capabilities backed by the Microsoft partner with the largest number of certified .NET developers and Microsoft Azure developers

- E**xtend value of existing assets** by assessing and migrating a range of workloads to the cloud from the Microsoft partner with 20+ Gold competencies in areas including Data and Analytics, ERP, and Collaboration solutions

- **Enable business flexibility** through flexible managed services options tailored to your individual needs

- **Reduce risk and manage complexity** with expertise across cloud and on-premises systems and in addressing identity, security, and governance needs

Avanade® Cloud Application Development

Cloud Application Development Offerings
We provide a range of services from cloud application assessments to cloud application development and managed services.

The Avanade End-to-End Process for Cloud-First Applications

Assess   Build   Run

| Cloud Strategy | Cloud Application Selection | Cloud Application Assessment | Cloud Application Proof of Concept | Cloud Application Development | Cloud Application Management |

We provide an end-to-end approach from assess, to build, and to run and we can apply this to a range of scenarios and engagements. Examples of some of the types of projects we can do for you include:

- **Cloud Strategy** – Change approach from a set of technologies and services to an organic and controlled ecosystem

- **Cloud Migration** – Assessing, prioritizing, and migrating existing applications in order to benefit from efficiencies and economics of the cloud

- **Cloud Mobile Services** – Enable secure and reliable data access to a wide range of mobile and connected devices

- **Digital Strategy** – Digital Marketing and Collaboration platforms hosted on the Cloud for better scalability and global reach

- **Internet Services** – Web based applications leveraging Cloud Platforms in PaaS and SaaS models

- **Data Center Extension** – Applications hosted on Microsoft Azure with full integration with on premises infrastructure, systems and data

Why Cloud Application Development services from Avanade?

MICROSOFT AZURE PREFERRED PARTNER

#1 **MICROSOFT CERTIFIED** PROFESSIONALS FOR DEVELOPING MICROSOFT AZURE **& WEB SERVICES**

#1 NUMBER OF .NET CERTIFIED PROFESSIONALS **& 25+ MVP AWARDS**

AVANADE has **10+ YEARS** in **MANAGED SERVICES ACCENTURE** has **OVER 20 YEARS** in **OUTSOURCING**

MICROSOFT MOBILITY PARTNER OF THE YEAR **2012**, **2013** and **2014**

What Cloud Application Development can do for our customers?

Avanade's solutions on Microsoft Azure have helped organizations unlock new value, drive business growth, and reduce costs.

Communications Software Provider unlocks new value from big data

A global communications software provider wanted to get better value from hundreds of petabytes of data it collected from devices, calls and other sources. Avanade helped the company by unlocking the data which resided on Microsoft Azure with the innovative business intelligence capabilities of Power BI for Office 365. By combining cloud, big data and analytics with new toolsets and real time dashboards the company gained new insight and better decision making capabilities from its vast volumes of data.

Large Global Insurer drives new growth through mobile and cloud

To drive new growth, a large global insurer, entered a European country's mobile market with a B2C app for phones and tablets which enabled current and potential customers to access insurance information and report accidents directly from mobile devices. The app, which Avanade helped build, was accessible on all major mobile platforms and connected to a cloud backend on Microsoft Azure which integrated with the company's business processes. The new app helped the insurance company drive growth by enabling a new channel and improving customer engagement.

Non-profit foundation increases scalability and reduces datacenter costs

When a non-profit foundation sought a faster, more scalable, and cost-effective solution to deliver its supply-chain technology, which is used by humanitarian organizations worldwide when disasters strike, they turned to Accenture and Avanade to migrate three key applications to Microsoft Azure. The foundation now saves between 20% and 90% of previous datacenter costs (depending on their datacenter location) by having on-demand access to a cloud infrastructure which they can access and pay for only when they need it. And it's far more agile, deploying solutions takes hours—as it did during the Japanese tsunami—when previously it took days or weeks.

For more information

To learn more about Avanade's Cloud Application Development services, contact an Avanade expert or visit: http://www.avanade.com/en-us/offerings/pages/cloud-applications.aspx

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