

DataArt is a global technology consultancy. We're a trusted technology partner for the world's leading brands.

We design, develop and support unique software solutions for our customers on an out-sourced basis. We are recognized as leaders in selected industries including travel and hospitality.

2,700+

Consultants and engineering employees

20+

Offices in the USA, Europe and Latin America 300+

Industry specific interfaces delivered

3,500+

**Projects completed** 

95%

**Return clients** 

1997

**Established** 

### **Example Travel & Hospitality Practice Customers**

**b4**checl<n

















DataArt can handle all aspects of your software design, architecture, development and execution needs. We provide you with access to unparalleled expertise with an outstanding track record of delivering successful results in our chosen sectors. Our customer base consists of world-renowned organizations with a common need: the desire to accelerate and simplify their pace of user-adoption of their software products.

# Travel & Hospitality Practice Skills and Services Expertise

Custom-built (bespoke) solutions and product development for all aspects of the guest experience and journey including comparison shopping, booking, aviation, ground transportation and hotel touch points. We can design, architect and build your next generation solution from minimum viable product (MVP) to full functionality, provide software product re-engineering, manage your legacy solutions and help with back log development and support.

- Travel management companies
- Hotel guest stay applications
- Mobile applications for guest experience and guest engagement
- PMS
- CRS, bookings/reservations
- POS
- RMS
- Sales & catering
- Website booking engines and e-commerce

- GDS integration
- OTAs
- · Channel management
- Reputation management
- IoT
- Interface and integration of all aspects of the guest journey
- In-room entertainment
- Mobile key
- · Location based marketing



### **Cross-industry Expertise and Experience**

We have a variety of engagement models including a hybrid approach to accommodate each customer specific requirements.

- · Business intelligence
- Data science, big data analytics and visualization
- Cloud migration/consulting
- Project recovery
- Legacy product support
- New platform architecture design and execution
- · Security and system audits
- Penetration testing
- Blockchain
- ERP and CRM platform development

- Portal development
- Artificial intelligence
- Machine learning
- Virtual reality
- Digital transformation
- Engineering services
- UI/UX expertise
- · Solutions design
- Technology consulting
- Enterprise architecture
- Performance optimization
- Systems integration

# **Technologies**

We have experience in most contemporary technologies and many industry and cross-industry platforms covering



Cloud computing and migration



Data and analytics



Open source platforms



Blockchain



# **Example Technology Stack Experience**



Ruby ecosystem



**Microsoft Stack** 



Full stack JavaScript



**Full stack Python** 



PHP-based solutions and LAMP stack



State of the art front end



#### **Microsoft Stack**

- Cloud solutions in Azure including Storage, SQL, Service Bus and open source platforms such as Mesosphere DCOS, Hortonworks, HDInsight and others
- · Microsoft SQL Server, OLAP, SSIS for ETL
- Cloud-based platforms and applications: Azure, Office 365, SharePoint services
- Robust and scalable backend: ASP.NET, MVC/Core, IIS load balancing, content delivery strategies
- · Native mobile
- · UI/UX using Metro UI



#### **Full Stack Development**

- Ruby ecosystem: Ruby on Rails, Rack, Sinatra
- Full stack JavaScript: Node.js, E56,MEAN
- Full stack Python: Flask/Django
- PHP-based solutions and LAMP stack
- · State of the art front end: React, AngularJS,



Mobile



**Cloud and Virtualization** 



Java