NARTech

MOST PROMISING
Devops
Consulting
Service
Companies
2020

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The annual listing of 20 companies that are at the forefront of providing Devops consulting/services and transforming businesses

NARTech
Experts in Agile and Integrated DevSecOps Practices

Urusa Salman,

In the software development industry, where nearly 70 percent of projects fail, proficiency during the development phase is the key to achieve and sustain success. In this regard, NARTech has a record of delivering on-time and on-budget projects that offer 100 percent customer satisfaction. NARTech helps organizations adopt an efficient DevSecOps approach, be it for IT application systems development, modernization, maintenance, or integration services. The company primarily caters to entities in the Federal Government.

The key to NARTech's success is the company's highly practical implementation of the CMMI Institute's Capability Maturity Model Integration (CMMI) Level 5 practices for software development as part of the daily operational routine. NARTech continues to be a part of an elite group of 35 companies that have achieved CMMI Level 5 and are even more select having achieved this certification for the 3rd consecutive time. As an expert with Agile DevSecOps capabilities, the company integrates automated testing and code quality inspection through its DevSecOps toolchain and pipeline creation tool, AppGen. "Our pipeline tool enables a 25 percent reduction in cost while performing automated testing and reducing the overall turn-around-time

significantly," says Urusa Salman, CEO of NARTech.

Urusa goes on to explain the benefits of NARTech DevSecOps toolchain from a technical viewpoint. The platform allows developers to set up the database, configure it, deploy the web application, create the CI/CD pipeline, and more. This approach is a stark contrast to typical ways of software development as the AppGen tool also automates the generation of source code and repositories. AppGen uses a web interface to collect information about the new application and creates the source code. This ensures that information and communications covered are accessible to individuals with disabilities. In addition, the tool supports developers to run security and compliance scans on the code.

NARTech remains committed to continuous improvement through IT modernization initiatives and evaluates the latest technology architectures such as AWS/Azure Cloud, Docker, and Serverless execution model to stay competitive in the market. Moreover, the company assesses the applicability of techniques including Pipeline as Code, Infrastructure as Code, Data Analytics using AI/ML for its clients, and provides a framework to quantitatively evaluate industry changes as a way to assess the level of anticipated improvements. As reducing project costs, risks, and delays are key considerations during project development, they offer reusable assets (code, templates) along with repeatable processes. Moreover, their reusable assets are key to optimizing performance and quality to ensure success on the client's IT modernization projects.

Accurate cost estimates help companies achieve project objectives within the approved timeline and budget. As such, NARTech uses predictive models to forecast delivery costs and timelines of the project. Their models are based on more than 70,000 hours of historical data and are regularly updated to reflect changes in development efforts. With its expertise, impressive results, approach, and innovation, NARTech has achieved numerous successful implementations over the last 15 years. Urusa elaborates on one such implementation where the client required an application delivered quickly that responds to user queries. Within a week, NARTech using AppGen, implemented an application front-end for querying this data along with a back-end ML classification engine. With the DevSecOps pipeline in place, subsequent updates to the application were automatically pushed on a daily basis to both development and production environments.

While delivering services to its clients, NARTech adheres to international standards related to quality management. Recently, the company has received the much-coveted ISO 9001 accreditation for demonstrating this commitment. Moreover, when an independent 3rd party appraiser conducted NARTech's CMMI Level 5 Appraisal, the company outperformed its competitors in terms of productivity, quality, and risk management. Such accolades affirm the NARTech's capabilities to develop an efficient DevSecOps approach for some of the most challenging, complex, and highly visible IT projects. CR