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A CLOUD GURU

AWS Partner Story: Texas State Technical College

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About Texas State Technical College: Texas State Technical College (TSTC) is an institution of higher education providing innovative and responsive programs and courses of study in technical education for which there is demand in the State of Texas, with emphasis on advanced and emerging technologies.

The Challenge: The Digital Transformation of Higher Education

Texas State Technical College (TSTC) serves the competitiveness of Texas business and industry through advanced and emerging technical instruction. TSTC facilitates the transfer of technical expertise into the workforce through the placement of former students who have obtained hands-on learning experience and specialized skills.

To support the increasing demand of cloud computing professionals in today's marketplace, TSTC is working collaboratively with A Cloud Guru to increase the availability of relevant technical education. The partnership is focused on integrating specialized cloud computing curriculum with supportive coursework into their clusters of on-campus centers of excellences.

"Cloud computing skills are in high-demand throughout the State of Texas, especially as an increasing number of companies embark on digital transformations and migrate to AWS," said Andy Kroll, Cloud Computing Department Chair of TSTC. "To meet the demand for cloud professionals, TSTC is partnering with advanced training partners like A Cloud Guru so that our technical curriculum and instructors keeps pace with the emerging needs of the industry."

The Process: Develop Cloud Computing Skills

TSTC created a responsive approach to delivering a cloud computing program that prepares their students for the workforce of tomorrow. At the core of the strategy is providing instructors on-demand access to up-to-date training content that enables the continuous development of their cloud computing skills and classroom curriculum.

There is no lack of positions in cloud computing," said Kroll. "Our goal is not only to prepare our students for a career in technology, but also to get them ready to take their employers a step further on their digital transformation journey."

1. **Train the Trainers.** Texas State Technical College enlisted the partnership and expertise of A Cloud Guru (ACG) to support their cloud computing AWS Academy training program. The training provides the instructors at TSTC self-directed training options, including certification courses, hands-on labs, use-case scenarios, and opportunities for relevant experience with cloud computing services.

2. **Real World Experience.** The instructors at TSTC have the opportunity to learn and practice AWS with state-of-the-art ACG maker labs and relevant use-case scenarios. The hands-on labs provide real-world experience using the same AWS services that students will encounter in the field. For example, TSTC is already incorporating lessons on deep learning, IoT, and artificial intelligence to build scale-model autonomous cars in the classroom!

3. **Continuous Learning.** To keep current with the rapid pace of change in the field of cloud computing, TSTC instructors have access to weekly ACG episodes which quickly summarize the latest technology news and advancement. The micro-courses provide instructors an efficient means to stay informed on emerging cloud computing trends and services, with relevant and timely topics for engaging classroom discussions with their students.

The Result: TSTC is a Source of Technical Talent for the State of Texas

Since beginning an internal digital transformation program to modernize their technology courses, TSTC is now heavily investing in their instructors and curriculum to support the increasing demand of cloud computing professionals in the State of Texas.

"There is an increased need for cloud computing skills, and the partnership with A Cloud Guru allows us to tell Texas business and industry that the trained cloud professionals they need are nearby at TSTC," said Kroll.

With the continual changes in technology, organizations require professionals with advanced cloud computing skills to help with their digital transformations. The ability to educate college students on cloud computing with an up-to-date curriculum ensures that successful transfer of technical expertise into the workforce through the placement of TSTC students.

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About A Cloud Guru:

Our cloud-based technology learning platform provides a comprehensive, up-to-date library of cloud education offerings for all skill levels, including certification courses, skills assessments, hands-on labs, a set of weekly technology-news series by industry experts, and management dashboards that track student progress. A Cloud Guru is an AWS Advanced Consulting Partner, member of the AWS Public Sector Partner Program, and is available directly from the AWS Marketplace.

A Cloud Guru's state-of-the-art learning management platform is developed by our in-house cloud engineers and powered by serverless — a technology that enables our content to effectively scale to more than 600,00 students in over 160 countries. Through our platform, we provide both businesses and individuals with the ability to stay current, stay relevant, and deliver results with cloud computing.

To learn how A Cloud Guru can accelerate your team's adoption of AWS, please visit acloud.guru/teams.

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