





# Customer Success – DevOps (CI/CD)

	DevOps (CI/CD)
	Education Technology
	~50
	U.S.A

## BUSINESS PROBLEM

- High school students are eligible for micro-scholarship, expanding to help transfer students from community colleges
- Looking to increase partnerships with colleges and universities
- Want to expand the service nationwide



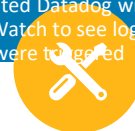
## IT PROBLEM

- Wanted some help moving off of Elastic Beanstalk
- Needed some centralized logging
- Needed increased visibility into their environment
- Wanted guidance on best practices to implement
- Many AWS resources were not under configuration management



## KOVARUS SOLUTION

- Used Agile/Automation Factory Approach
- Used AWS CloudWatch to capture application logs
- Used Chef to deploy CloudWatch agent to AWS instances
- Implemented automated testing of Chef cookbooks
- Integrated Datadog with AWS CloudWatch to see logs when alerts were triggered



## OUTCOME

- Converted development environment to containers
- Took development environment setup steps from 30+ manual steps to 7 steps
- Can copy and paste a directory and add more environments with a single command
- Automate the application switchover

