



EDUCATION CLIENT MIGRATES TO REDUCE IT SPEND

About the Client

Crosslake's client is an independent education reform organization dedicated to raising academic standards and graduation requirements, improve assessments, and strengthen accountability.



Customer Challenge

The client wanted to find ways to reduce the cost of their IT environment. Crosslake was brought in to assess the current environment and review alternatives, as well as analyze the AWS environment for optimization opportunities. Issues included:

- Database utilized older features not supported on Aurora
- Application used Read Replicas not supported on Aurora & RDS
- Application used one database for perform and report OLTP and OLAP tasks
- Homegrown database connector outdated and unsupported

Crosslake Services

- Drive DevOps deliverables
- Aid in the migration to AWS
- Implement and improve CI/CD and DevOps monitoring capabilities
- Improve organizational and operational stability

Roadmap to Cloud Optimization

Crosslake moved the client to a cloud native solution on AWS as a service-oriented architecture, including leveraging Aurora for all OLTP data and Redshift/Snowflake for OLAP data. To accommodate special configurations, including MySQL, Crosslake supported the client on a multi-step migration path. As a result, IT spend has normalized while mitigating risk and increasing efficiency.