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CUSTOMER
CASE STUDIES

REDCLIFFE LABS

About Customer

Redcliffe Labs is a leading diagnostic services provider, offering a wide range of health tests with a strong emphasis on accuracy, convenience, and affordability. By combining state-of-the-art technology with expert healthcare professionals, Redcliffe Labs delivers reliable diagnostic solutions to improve health outcomes.

OBJECTIVES

Streamline Deployments
Automate the deployment process to improve efficiency and reduce errors.

Optimize Kubernetes Environment
Enhance the performance and cost-effectiveness of Kubernetes infrastructure.

Accelerate Development Cycles
Enable faster iterations to bring innovations to market more quickly.

APPROACH

- Designed and implemented a comprehensive CI/CD pipeline leveraging Terraform and GitLab for seamless automation of deployments.
- Optimized Kubernetes clusters to ensure improved cost efficiency and enhanced system performance.
- Streamlined the development process by integrating infrastructure automation and best practices for scalable growth.

RESULT

Reduced Deployment Errors
Achieved a 50% reduction in errors through automated, consistent deployments.

Enhanced Development Efficiency
Improved the development cycle by 30%, enabling faster delivery of new features and updates.

Optimized Infrastructure
Achieved cost savings and better performance with fine-tuned Kubernetes clusters.

CONCLUSION

By leveraging AWS EKS for Kubernetes orchestration, AWS CodePipeline for CI/CD automation, and Amazon CloudWatch for proactive monitoring, Redcliffe Labs streamlined deployments and accelerated feature delivery with reduced errors. Combined with AWS Graviton-based EC2 instances and Amazon RDS, the solution delivered improved performance, optimized infrastructure costs, and supported their rapid business growth.

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