**Project Name - MDG (MedData Group)**

**Project Scope -** MedData Group, an IQVIA business, is the leading provider of Healthcare Professional (HCP) data fueling omnichannel digital targeting and engagement at scale.

In this project we were handling all the servers for MDG, their service hosted on AWS and they are using various services of AWS like EC2 , VPC, RDS, Load Balancer, Autoscaling, Backup service, ACM etc.

**Infrastructures -** Manually deployed using AWS console.

1. Ec2 as a Backend server (Production, development and staging servers).
2. Autoscaling and Application load balancer for handling and managing traffic.
3. VPC ( virtual private cloud) for production and staging environments.
4. RDS with MYSQL as a database engine.
5. AWS backup.
6. ACM for certification manager.
7. Security groups for allowing particular IPs.
8. S3 as a storage and backup.
9. Guard Duty, Inspector, WAF as a security tool.
10. Cloudwatch for monitoring resources.
11. Route 53 as a DNS.
12. Amazon Active directory service.
13. Secret Manager for storing secret values like database password .
14. Virtual private network (VPN) to access private resources.

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