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Stock101

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To Whom It May Concern,

This is to certify that Gokul G Kaimal was employed at Stock101 as a Cloud & DevOps Engineer from May 2024 to June 2025.

During his tenure at Stock101, Gokul played a pivotal role in building, deploying, and managing AWS cloud infrastructure from the ground up, with a focus on performance, scalability, and cost optimization. His contributions included:

- **AWS Infrastructure & Deployment**
 - Designed and provisioned Amazon EC2 instances for hosting critical applications, implementing auto-scaling and monitoring to ensure high availability.
 - Configured VPCs, subnets, security groups, and NAT gateways to create secure and isolated environments for application workloads.
 - Deployed and managed applications on AWS Elastic Beanstalk, automating provisioning and scaling across multiple environments.
- **Serverless & Storage Solutions**
 - Built AWS Lambda functions to process real-time events, automate backend workflows, and reduce operational overhead.
 - Architected and maintained Amazon S3 buckets for storing structured/unstructured data, enabling static website hosting, and optimizing storage costs with lifecycle policies.
- **Networking, Security & Optimization**
 - Configured Amazon Route 53 for DNS management, implementing failover routing and domain management for production workloads.
 - Integrated Amazon CloudFront as a global CDN to deliver applications with low latency and secure HTTPS connections.
 - Applied cost-optimization strategies such as reserved instances, right-sizing EC2 workloads, and S3 Intelligent-Tiering to minimize operational expenses.
- **Monitoring & Troubleshooting**
 - Implemented end-to-end monitoring using CloudWatch and configured alerts to proactively detect and resolve issues.
 - Troubleshoot infrastructure failures, optimized deployments, and ensured smooth CI/CD integration with AWS services.

Gokul has demonstrated excellent technical expertise in AWS services, with strong problem-solving skills and the ability to deliver secure, scalable, and cost-effective cloud solutions.

Best regards,

Abraham George
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