

Kishore K

+919551547889 | kishore.kalaiselvan1@gmail.com | [linkedin.com/in/kishorek003](https://www.linkedin.com/in/kishorek003) | github.com/Kishore-Kalaiselvan

EDUCATION

Bannari Amman Institute of Technology

Bachelor of Engineering in Electronics and Communication

Sathyamangalam, India

Nov 2021 – May 2025

RG Matriculation Higher Secondary School

Higher Secondary School Certificate

Udumalpet, India

Jun 2020 – May 2021

Lourde matha convent matriculation Higher Secondary School

Secondary School leaving Certificate

Udumalpet, India

Jun 2018 – May 2019

PROJECTS

Cloud-Based 2048 Game Deployment | ECS

- Deployed a cloud-based 2048 game using AWS ECS
- Configured auto-scaling and load balancing for high availability and optimized performance.
- Implemented CI/CD pipelines for automated deployment and version control.
- Utilized AWS Fargate for cost-efficient, serverless compute and optimized infrastructure.

Automated Static Website Hosting on AWS | Terraform

- Configured EC2 instances using Terraform for automated deployment.
- Utilized user data scripts to automate the installation and setup of Apache2 as a web server during EC2 launch.
- Deployed static website content by uploading source code to the Apache server's root directory (/var/www/html).
- Developed Terraform scripts that can be reused for deploying similar static website hosting setups efficiently.

End To End CICD Implementation | Jenkins

- Developed a CI/CD pipeline using Jenkins to automate the build and deployment of a static website.
- Integrated GitHub repository with Jenkins for automatic code pulls and triggering of builds.
- Configured Jenkins pipeline to deploy the website directly to an AWS S3 bucket.
- Streamlined the deployment process, gaining hands-on experience with AWS S3 and Jenkins automation.

Auto-scaling Web Server Setup with Disaster Management | EC2, ELB, ASG

- Designed a highly available web application architecture using AWS EC2, ELB, and Auto Scaling Groups (ASG).
- Deployed across multiple AWS Availability Zones (AZs) for fault tolerance and seamless traffic distribution.
- Implemented automated backups with Amazon RDS and S3 for disaster recovery.
- Configured cross-region replication for high availability and failover during region-wide outages.

CERTIFICATION

AWS Certified Cloud Practitioner (Valid through January 2028)

Earned AWS Digital Badge in Cloud Computing 101

TECHNICAL SKILLS

Languages: Python, C, Java[Basic]

Cloud Services: AWS IAM, EC2, VPC, Route53, S3, Cloud Formation, Lambda

DevOps: Git, Terraform, Ansible, Docker, Github Actions, Jenkins CICD.

OS: Linux, Windows

Version control: Github.

Database: MySQL[Basic].

Others: Troubleshooting, Virtualization : VMware.