Kishore K

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CAREER OBJECTIVE

To secure a challenging position in a reputed organization where I can apply my knowledge, skills, and dedication to contribute effectively to the company's growth. I aim to continuously learn, adapt to new technologies, and enhance my professional capabilities while working in a dynamic and collaborative environment that fosters innovation and career development.

EDUCATION

Bannari Amman Institute of Technology   Sathyamangalam, India
Bachelor of Engineering in Electronics and Communication   *Nov 2021 – May 2025*

RG Matriculation Higher Secondary School   Udumalpet, India
Higher Secondary School Certificate   *Jun 2020 – May 2021*

Lourde matha convent matriculation Higher Secondary School   Udumalpet, India
Secondary School leaving Certificate   *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].

Networking: TCP/IP, DNS, DHCP, VPN, Subnetting, OSI Model, Network Security, Load Balancing.

Others: Troubleshooting, Virtualization : VMware.