

KUMARESAN C

AWS & DEVOPS ENGINEER

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PROFILE SUMMARY

Motivated AWS & DevOps Engineer with 6 months of hands-on experience in cloud deployments, automation, CI/CD pipelines, and container orchestration. Proficient in AWS services, Linux, Docker, Kubernetes, Jenkins, Terraform, and monitoring solutions. Strong at troubleshooting, optimizing system performance, and implementing secure, scalable cloud environments. Seeking an entry-level DevOps position to contribute technical expertise and grow in a collaborative engineering team.

TECHNICAL SKILL

Cloud & DevOps

- AWS: EC2, S3, VPC, IAM, RDS, DynamoDB, EBS..,
- CI/CD: Jenkins, Git
- Containers: Docker, Kubernetes
- Automation: Ansible
- Infrastructure as Code: Terraform
- Monitoring: Prometheus, Grafana, CloudWatch

Networking

- IP addressing, DNS, DHCP, Subnet, Routing

Database

- MySQL, DynamoDB, Redshift, MongoDB

Operating System

- Linux(Ubuntu, centOS), Windows

Tools

- CLI, Putty, Mobaxterm.

SOFT SKILL

- Problem-Solving
 - Adaptability
 - Teamwork
 - Time Management
 - Critical Thinking,
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EDUCATION

M.Sc. Computer Science & Technology (Integrated 5-year)

Pachaiyappa's College for Men, Kanchipuram.

2020 – 2025 | Grade: 70%

HANDS ON EXPERIENCE PROJECTS

Real-Time Multiplayer Game Backend

June 2025 – Aug 2025

- Developed a scalable backend using AWS GameLift, Lambda, API Gateway, and S3 for real-time multiplayer gameplay
- Implemented matchmaking logic and player session management, supporting 50+ concurrent sessions.
- Built event-driven serverless workflows reducing latency by 20% and ensuring synchronized game state.
- Managed game assets on S3 and integrated secure APIs, achieving 99.9% uptime for real-time communication.

GroceryMart – Full-Stack E-Commerce Platform (DevOps CI/CD)

Sep 2025 – Nov 2025

- Built a Grocery e-commerce website with frontend, backend, and MongoDB database.
 - Used GitHub and Jenkins to create an automatic CI/CD pipeline for code build and deployment.
 - Created Docker images for frontend and backend and pushed them to Docker Hub.
 - Deployed the application on Kubernetes cluster (EC2) using deployments and services.
 - Monitored application and server health using Prometheus and Grafana dashboards.
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CERTIFICATION

- AWS & DevOps Certification — Login360
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