



# ALAN RAJU

## DevOps ENGINEER/ CLOUD ENGINEER

### CONTACT

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### ACADEMIC CREDENTIALS

#### MASTER OF COMPUTER APPLICATION (MCA) | 2022

- Kannur University
- Don Bosco College, Angadikadavu

#### BACHELOR OF COMPUTER APPLICATION (BCA) | 2019

- Kannur University
- Don Bosco College, Angadikadavu

### CERTIFICATIONS

#### DevOps | 2023

- JSpiders Rajajinagar, Software Training Institute, Bangalore

#### AWS Cloud Practitioner | 2022

- AWS re/Start Graduate

### PROFESSIONAL SUMMARY

Highly skilled and results-driven professional with a diverse background in DevOps engineering, cloud infrastructure management, and automation. Experienced in designing, deploying, and maintaining scalable systems on AWS, with expertise in Terraform, Jenkins, GitLab, GitHub CI/CD pipelines, and cloud service integration. Proven track record in streamlining deployment processes, enhancing system observability, and reducing downtime through effective use of monitoring tools like ELK Stack, Prometheus, and Grafana. Strong background in scripting (Bash, Python) for task automation, alongside a deep understanding of backup strategies and data retention.

### EMPLOYMENT CHRONICLE

#### DevOps ENGINEER | July 2023 – Present

5GENCARE TECHNOLOGIES, BANGALORE, INDIA

#### KEY RESPONSIBILITIES

- Automated AWS infrastructure provisioning using Terraform, integrating with GitLab and GitHub CI/CD pipelines for seamless deployments.
- Configured and maintained Jenkins servers for CI/CD automation, collaborating with testing teams to streamline post-deployment testing.
- Implemented Filebeat and Kibana for log monitoring and integrated Grafana with Prometheus to enhance system observability and monitoring.
- Developed automation scripts using Bash and Python to optimize repetitive tasks and improve operational efficiency.
- Configured cron jobs and alert systems to proactively monitor infrastructure, minimizing system downtime.
- Streamlined Android and iOS application deployments to the App Store and Play Store using Fastlane, integrated with GitHub Actions.
- Worked extensively with AWS services (EC2, S3, ECS, VPC, ELB, Lambda, OpenSearch) to provision and maintain scalable infrastructure.
- Developed and enforced backup strategies and data retention policies, enhancing data protection and recovery efficiency.
- Improved system monitoring and logging by configuring ELK Stack, Fluentd, and Prometheus, reducing downtime and enhancing incident response.
- Automated build and deployment workflows using Jenkins and GitHub Actions, minimizing manual interventions and increasing deployment speed.
- Managed infrastructure cost optimization initiatives, identifying and reducing unnecessary resource usage within AWS environments, leading to significant cost savings.
- Collaborated with cross-functional teams to identify and resolve infrastructure bottlenecks, improving application performance and deployment time.

SKILLS

- Communication
- Teamwork
- Problem-solving
- Adaptability
- Leadership
- Time Management
- Attention to Detail

AREA OF EXPERTISE

- Cloud Infrastructure Management
- CI/CD Pipeline Development
- Infrastructure Automation
- Scripting & Automation
- System Monitoring & Observability
- Backup & Data Retention Strategies
- Incident Management & Troubleshooting
- Version Control (Git, GitHub)
- Cross-functional Team Collaboration
- Mobile App Deployment

LANGUAGES KNOWN

English  100 %  
Malayalam  100 %

PROJECTS

- **Computime Group Limited, Hong Kong**  
July 2023 – Present
- **Unisenza PLUS, Purmo, Finland**  
July 2023 – Present
- **5GenCare Technologies, Hong Kong**  
July 2023 – Present

ACHIEVEMENTS

- **Spotlight Award:** Recognized for consistent performance over six months.
- **Website Hosting:** Successfully completed the full setup and deployment of websites.
- **Jira Ticket Handling:** Efficiently managed and resolved tickets, ensuring timely completion.
- **Incident Response Time:** Reduced incident response time through automated alerting and monitoring systems.
- **No Escalations:** Maintained high user satisfaction by resolving issues before escalation.

TECHNICAL SKILLS

- **Cloud Platforms & Services:** AWS (EC2, Lambda, S3, EBS, VPC, ELB, Route 53, CloudFront, API Gateway, RDS, DynamoDB, OpenSearch, CloudWatch, IAM, Cognito, SNS, SQS, IoT Core, Kinesis, ECS), GCP (Basic Overview)
- **Infrastructure as Code:** Terraform, CloudFormation
- **Automation & CI/CD:** Jenkins, GitLab CI, GitHub Actions, Fastlane, Git
- **Programming & Scripting Languages:** Python, Bash, Shell Scripting, SQL, PostgreSQL
- **Containerization & Orchestration:** Docker, Portainer
- **Monitoring & Logging:** ELK Stack (Elasticsearch, Logstash, Kibana), Fluentd, Kafka, Prometheus, Grafana
- **Version Control & Collaboration:** Git, GitLab, GitHub, Bitbucket
- **Operating Systems:** Linux
- **Project Management & Issue Tracking:** Jira, Xwiki
- **Databases:** PostgreSQL, DynamoDB
- **Visualization & Reporting:** Metabase, Apache Superset

DECLARATION

I hereby declare that the above-mentioned information is true and I bear the responsibility for the correctness of the above-mentioned particulars.

ALAN RAJU