

ARJUN REDDY

arjun.reddy.cloud@gmail.com | +91-9123450987

Portfolio: arjunreddy.dev | Chennai, Tamil Nadu

PROFESSIONAL SUMMARY

Dedicated Cloud Computing enthusiast with hands-on experience in AWS, Azure, and GCP. Passionate about building scalable, secure, and cost-effective cloud infrastructure.

EDUCATION

B.Tech in Information Technology

SRM Institute of Science and Technology, Chennai

CGPA: 8.8/10.0

August 2023 - May 2027

CLOUD PLATFORMS & SERVICES

Amazon Web Services (AWS):

- EC2, S3, RDS, Lambda, DynamoDB
- CloudFormation, CloudWatch, IAM
- VPC, Route 53, ELB, Auto Scaling
- Elastic Beanstalk, ECS, EKS

Microsoft Azure:

- Virtual Machines, Azure Storage, SQL Database
- Azure Functions, App Services
- Azure DevOps, Azure Monitor
- Virtual Networks, Azure AD

Google Cloud Platform (GCP):

- Compute Engine, Cloud Storage, Cloud SQL
- Cloud Functions, App Engine
- Kubernetes Engine (GKE)
- Cloud Monitoring, IAM

DEVOPS & CONTAINERIZATION

Containers & Orchestration:

- Docker (Image creation, Docker Compose)
- Kubernetes (Pods, Services, Deployments)
- Helm Charts
- Container Registry (ECR, ACR, GCR)

CI/CD & Automation:

- Jenkins, GitLab CI/CD, GitHub Actions
- Infrastructure as Code: Terraform, Ansible
- CloudFormation, ARM Templates
- Bash Scripting, Python for automation

Monitoring & Logging:

- Prometheus, Grafana
- ELK Stack (Elasticsearch, Logstash, Kibana)
- CloudWatch, Azure Monitor, Stackdriver

PROGRAMMING & SCRIPTING

- Python (Boto3, Azure SDK)
- Bash, PowerShell

• YAML, JSON

- Basic: Go, Java

CLOUD PROJECTS

Multi-Tier Web Application on AWS | Feb 2024 - Apr 2024

- Deployed 3-tier architecture (Web, App, DB) using EC2, ALB, and RDS
- Implemented auto-scaling based on CPU utilization
- Configured CloudWatch alarms and SNS notifications
- Set up S3 for static content with CloudFront CDN
- Reduced infrastructure cost by 35% through reserved instances
- Tech Stack: AWS (EC2, RDS, S3, CloudFront, ALB), Nginx, MySQL

Serverless Microservices Architecture | Nov 2023 - Jan 2024

- Built event-driven microservices using AWS Lambda and API Gateway
- Implemented DynamoDB for NoSQL data storage
- Used SQS for asynchronous messaging between services
- Created CI/CD pipeline using AWS CodePipeline
- Achieved 99.9% uptime with Lambda's automatic scaling
- Tech Stack: Lambda, API Gateway, DynamoDB, SQS, SNS

Container Orchestration with Kubernetes | Sep 2023 - Nov 2023

- Deployed microservices application on Amazon EKS cluster
- Configured horizontal pod autoscaling and cluster autoscaling
- Implemented service mesh using Istio for traffic management
- Set up monitoring with Prometheus and Grafana
- Managed secrets using AWS Secrets Manager
- Tech Stack: Kubernetes, Docker, EKS, Helm, Istio, Prometheus

Infrastructure as Code Project | Jul 2023 - Sep 2023

- Automated infrastructure provisioning using Terraform
- Created reusable modules for VPC, EC2, RDS setup
- Implemented different environments (dev, staging, prod)
- Version controlled infrastructure code in GitLab
- Reduced deployment time from 2 hours to 15 minutes
- Tech Stack: Terraform, AWS, GitLab CI/CD

CLOUD CERTIFICATIONS

AWS Certifications:

- AWS Certified Solutions Architect - Associate (2024)
- AWS Certified Developer - Associate (In Progress)
- AWS Certified Cloud Practitioner (2023)

Microsoft Azure:

- Microsoft Certified: Azure Fundamentals (AZ-900) - 2024
- Microsoft Certified: Azure Administrator Associate (AZ-104) - In Progress

Additional:

- Docker Certified Associate (DCA) - 2024
- Certified Kubernetes Application Developer (CKAD) - Preparing

HANDS-ON LABS & TRAINING

- Completed 50+ AWS labs on A Cloud Guru
- Finished Kubernetes Bootcamp on Udemy (30 hours)
- Azure Administrator learning path on Microsoft Learn
- Docker Mastery course - Udemy

INTERNSHIP EXPERIENCE

Cloud DevOps Intern | CloudTech Solutions Pvt Ltd | Jun 2024 - Aug 2024

- Migrated on-premise applications to AWS cloud
- Created CI/CD pipelines for 5 microservices applications
- Reduced deployment failures by 60% through automation
- Documented cloud architecture and deployment procedures
- Collaborated with development team for containerization

ACADEMIC PROJECTS

Cloud-Based File Storage System

- Built Dropbox-like file storage using S3 and Lambda
- Implemented user authentication with Cognito
- Created responsive web interface using React

Automated Backup Solution

- Designed disaster recovery solution using AWS Backup
- Configured cross-region replication for critical data
- Implemented lifecycle policies for cost optimization

TECHNICAL BLOGS & CONTENT

- Published 15+ technical articles on Medium about cloud technologies
- Topics: AWS best practices, Kubernetes tutorials, DevOps tools
- 10,000+ total article views

ACHIEVEMENTS

- Winner - AWS Game Day Competition 2024
- Cloud Champion Award at college tech fest

- Organized Cloud Computing workshop attended by 150+ students
- Maintained personal cloud lab with multiple projects

COMMUNITY INVOLVEMENT

- AWS Community Builder (Cloud Operations)
- Member of CNCF (Cloud Native Computing Foundation)
- Active participant in local DevOps meetups
- Mentor for juniors in cloud technologies

SOFT SKILLS

Problem-solving, Team Collaboration, Documentation, Cost Optimization, Security Best Practices

LANGUAGES

English, Tamil, Telugu, Hindi

HOBBIES & INTERESTS

Staying updated with cloud trends, Contributing to tech forums, Building personal cloud projects