

ARJUN REDDY

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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