

Chandrasekhar Akula

AWS Cloud Engineer(Immediate Joiner)

Overall of 4.9 years of experience and 3.0 years of working experience in amazon web services environment with passion to solve real - world business challenges. Strong creative problem-solving and solution-oriented work style.



✉ chanducrow1aero@gmail.com

📞 9886827288

📍 Bangalore, India

🌐 [linkedin.com/in/chandrasekhar-akula-69987158](https://www.linkedin.com/in/chandrasekhar-akula-69987158)

WORK EXPERIENCE

Associate Consultant Capgemini India Pvt.Ltd.

11/2019 - Present

Bangalore

Worked as associate consultant and service provide for T mobile

Tasks

- Used IAM to create new accounts, roles and groups.
- Managing IAM accounts (with MFA) and IAM policies to meet security audit & compliance requirements.
- Configuring IAM roles for EC2 instances and assigns them policies granting specific level access to S3 buckets.
- Configuring of Virtual Private Cloud (VPC) with networking of subnets containing servers.
- Creating S3 buckets and managing policies for S3 buckets and Utilized S3 bucket and Glacier for storage and backup on AWS.
- Configured Elastic load balancers for incoming loads.
- Used Auto-scaling and Elastic Load Balancer features on EC2 instances to serve the end users using applications during unexpected traffic/demand.
- Implemented Auto Scaling for high application availability.
- Used Elastic Load balancer, Auto scaling, Security groups and NACL's to manage network security.

Senior Engineer Infosys Limited

10/2018 - 10/2019

Bangalore

worked as senior engineer and provided service to aws client 2

Tasks

- Responsible for designing, implementing and supporting of cloud-based infrastructure and its solutions.
- Creating multiple VPCs and public, private subnets as per requirement.
- Setting up private networks and sub-networks using Virtual Private Cloud (VPC) and creating security groups to associate with the networks.
- Creating and launching EC2 instances using AMI's of Linux, Ubuntu, RHEL, and Windows and wrote shell scripts to bootstrap instance.
- Increasing EBS backed volume storage capacity when the root volume is full using AWS EBSVolume feature.
- Created load balancers (ELB)and used Route53 with fail over and latency options for high availability and fault tolerance.
- Used Auto-scaling and Elastic Load Balancer features on EC2 instances to serve the end users using applications during unexpected traffic/demand.

SKILLS

Amazon Web Services

Oracle Sql

Basics of Python

Automation

VBA

Aerospace

TECHNICAL SKILLS

Amazon Web services

AWS- EC2, S3, RDS, EBS, ELB, VPC, Cloud Watch, NAT, Route 53, IAM, SQS, SNS, SES, Apache servers, Linux servers,cloudtrail ,storage gateway,EFS,Autoscaling,Cloud formation, lambda,vpc endpoint, Git,Github ,Docker

Others Skills

SQL ,Math Cad,ISAMI Analyst,VBA , Microsoft Word, Microsoft Excel,Hyperview

EDUCATION

B.E in Aeronautical Engineering, Sathyabama University
(08/2011 - 05/2015)

- 8.64 CGPA

Narayana Junior College (05/2009 - 05/2011)

- per 95%

CERTIFICATES

1. AWS Fundamentals : Going Cloud - Native

Successfully completed the journey of AWS cloud learning and use case implementation .Completed by coursera platform

2. AWS Fundamentals : Addressing Security Risk

Successfully completed the journey of AWS cloud learning and use case implemenatation. Completed by coursera platform

3. AWS Fundamentals : Building Serverless Applications

Successfully completed the journey of AWS cloud learning and use case implementation

4. Google Cloud Platform Fundamentals for AWS Professionals

Successfully completed the journey of google cloud learning from coursera platform

5. AWS Essentials

Successfully completed the journey of AWS essentials course from Udemy platform

6.Google Cloud Fundamentals

Successfully completed the journey of google cloud learning from coursera platform

WORK EXPERIENCE

Senior Engineer Infosys Limited

02/2017 - 09/2018

Bangalore

worked as senior engineer and provide for Aws client 3

Tasks

- Built S3 buckets and managed policies for S3 buckets and used S3 bucket for storage and backup on AWS.
- Architecting and configuring secure cloud VPC using private and public networks through subnets in AWS.
- Included security groups, network ACLs, Internet Gateways, and Elastic IP's to ensure a safe area for organization in AWS public cloud.
- Utilizing Amazon Route 53 to manage DNS zones and assign public DNS names to elastic load balancers IP's.
- Integrating Amazon CloudWatch with EC2 instances for monitoring the log files track files.
- Used IAM to create new accounts, roles and groups.
- Creating and launching EC2 instances using AMI's of Linux, Ubuntu, RHEL, and Windows and wrote shell scripts to bootstrap instance.
- Creating highly available environments using auto-scaling, Load balancers, and SQS.
- Configuring IAM roles for EC2 instances and assigns them policies granting specific level access to S3 buckets.

System Engineer Infosys limited

05/2015 - 02/2017

Bangalore

Worked as system engineer and for airbus,,spirit aerosystems

Tasks

- Experience in aerospace design and stress analysis of aircraft structures including Static & Fatigue and Damage Tolerance (F & DT) analyses for design validation.
- Experience in Type Certification F & DT analyses of parts of A321 XLR neo for Preliminary Design Review "PDR" and Critical Design Review "CDR" program.
- Experience in F & DT analyses of A350 Composite door to metallic door for preliminary design phase.
- Experience in Type Certification F& DT analyses of parts of A350-900 XWB (MSN216, MSN316 & MSN460) Crossbeam, frame Junction.
- Experience in Static Sizing of A350-900 XWB (Extra Wide Body) Fuselage S15 & Metallic parts (Preliminary Design Review) for crossbeams and frames.
- Experience in Static Sizing of A350-1000 XWB (Extra Wide Body) Fuselage S15 & Metallic parts (Preliminary Design Review) for crossbeams and frames.
- Experience in ISAMI V7.2.2, V9.6.0, V9.7.0, V10.1.1 & v10.2.3- Static, Fatigue and Crack propagation modules
- Experience in ACD4 (airframe certification document) & ACD6 (airframe certification document).
- Experience in stress notes and dossiers.

ORGANIZATIONS

Cappgemini India (11/2019 - Present)

Associate Consultant

Infosys India Limited (05/2015 - 10/2019)

Engineering Analyst

LANGUAGES

English

Native or Bilingual Proficiency

Telugu

Native or Bilingual Proficiency

Hindi

Full Professional Proficiency

Tamil

Elementary Proficiency

INTERESTS



Cricket



Songs



Travelling