

# 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

in 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 implemenation. 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 Udemyp 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

Capgemini 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