

# SRUTHI K U

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## ACADEMIC HIGHLIGHTS

- B.Tech in Computer science & Engineering (2012-2016) from College of Engineering Karunagappally affiliated to Cochin University of Science and Technology.
- 12th (2009-2011) - Govt. Higher Secondary School Poonkunnam, Thrissur, affiliated to Kerala state board of Higher Secondary Examination.
- 10th (2008-2009) – St. Clares Girls Higher Secondary School Thrissur, affiliated to Kerala State Board of Public Examination.

## COURSE COMPLETED

- Amazon Web Service certified Solution Architect (SAA-C02).

## TECHNICAL SKILLS

- Basics of Networking (CCNA)
- Operating Systems: Windows, Linux and Ubuntu.
- Languages: Linux
- Tools: MS Office, Visual Studio Code
- Cloud Technologies: Amazon Web Services
- Scripting language: Basic commands of Linux
- Web-server: Apache Web-server

## PERSONAL STRENGTH

- Team work
- Good communication
- Positivity
- Time management
- Quick learner
- Adaptability

## PERSONAL DETAILS

- **DOB** : 27-05-1994
- **Gender** : Female
- **Marital Status** : Married
- **Location** : Bangalore
- **Languages known** : English,Hindi and Malayalam

## CAREER OBJECTIVE

Seeking a promising career on Cloud Engineering position that provide an opportunity to utilize my skills and ability in an organization which yield the twin benefits of the professional growth and accomplishment.

## ORGANIZATIONAL EXPERIENCE

**Compass institution, Trivandrum** **Jun 2018 – Feb 2022**  
**Teaching/Content Development**

- Prepared and updated study materials, worksheets, and online learning resources.
- Organized mock tests and conducted performance analysis sessions.
- Designed and delivered shortcuts, tricks, and practice methods to enhance student speed and accuracy.

## JOB DESCRIPTION

- Expertise in AWS cloud administration which include services like IAM, S3, VPC, EC2, SNS, EBS, EFS, ELB, AMI, Cloud Watch, CloudTrail, Cloud Front, Cloud Formation, Cloud Front, Lambda, RDS, Route53.
- Creating IAM user, IAM role, assigning permissions to the user and creating user groups.
- Creating S3 bucket, uploading objects into the bucket and assigning permissions to the S3 bucket.
- Assigning ACL, creating lifecycle rule for the S3 buckets and creating Batch operations.
- Assigning S3 versioning, Event notification, server access logging on S3 bucket.
- Expertise in creating a VPC, subnets, internet gateway, route table and NAT gateway.
- Creating VPC peering and transitive gateway for the VPC's.
- Creating of EC2 instance, managing and configuring networking for the EC2.
- Configured Transitive Gateway to establish connection between multiple VPCs.
- Created EBS volumes for storing application files for use with EC2 instances whenever they are mounted to them.
- Creating ELB and Auto scaling group to distribute the traffic.
- Create and configure Application Load Balancer and Network Load Balancer to Public Subnets.
- Attaching EFS Volume to multiple EC2 instances to enable shared storage.
- Creating of Snapshots and AMI for the EC2 instance.
- Implementing AWS Security Groups and NACL (Access control list) for Additional Layer of Security.

- Launch EC2 instance using AMIs (Linux and Windows) and configuring according to specific requirements and regions.
- Expertise in creating SNS topic, subscribing the topic and publishing the message.
- Setup databases on Amazon RDS. Install and setup MySQL server.
- Registering/Managing Domain using Route53.
- Expertise in creating Cloud Watch alarm to metrics such as CPU utilization and status check failed.
- Speed up web distribution using Cloud front.

### **LINUX ADMINISTRATION:**

- Creating user and groups.
- Creation of files and directories.
- Assigning access permissions for files and directories to the users and groups.
- Installing and managing Web Server.
- Installation of packages using YUM.
- Moving files to and from AWS S3 to the EC2 instance.
- Static website hosting.

### **DECLARATION**

I hereby declare that all the information furnished above is true, correct and complete to the best of my knowledge and belief.

Place: Bangalore  
Date:

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