

# ARUNACHALAM G

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## PROFESSIONAL SUMMARY

AWS Cloud Engineer with practical experience in designing, deploying, and managing scalable cloud infrastructure. Proficient in utilizing core AWS services such as EC2, S3, Lambda, CloudFront, and RDS to optimize performance, security, and cost. Skilled in networking and security best practices, with hands-on expertise in cost-efficient cloud solutions.

## EDUCATION

### BACHELOR OF AGRICULTURE ENGINEERING

Sri Shakthi Institute of Engineering and Technology

CGPA: 8.72

May 2024

### HIGHER SECONDARY

Sri Guru Matric Higher Secondary School

Percentage : 83.16%

March 2020

### SECONDARY

Sri Guru Matric Higher Secondary School

Percentage : 94%

April 2018

## PROJECTS

### Personal Project:

- Developed a Bush Hog Chopper designed for the efficient cutting of tall grasses and shrubs.
- Engineered an agricultural soil testing and nutrient spraying machine that integrates with an ESP32-WROOM microcontroller for IoT applications.

### AWS Project:

- Designed and implemented an AWS-based course enrollment website and attached with my custom domain.
- The Submit Data page facilitates student course enrollment, while the Contact page allows users to submit inquiries.
- Leveraged various AWS services, including S3, Route 53, DynamoDB, Lambda, API Gateway, ALB, Auto Scaling and SNS, to optimize data management and enhance application performance.

## SKILLS

### TECHNICAL SKILLS

- AWS
  - EC2
  - S3
  - Lambda
  - EBS
  - RDS
  - VPC
  - IAM
  - ALB
  - Route 53
  - ELB
  - EFS
  - Auto Scaling

- Linux
- Novice : MySQL , Python

### **INTERPERSONAL SKILL**

- Communication Skills
- Problem-Solving and Analytical Thinking
- Collaboration and Teamwork
- Openness to Feedback and Learning

### **CERTIFICATION**

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- Certified in AWS from **Qtree Technologies** (2-month program).
- Certified in Linux tutorials from **Great Learning**.
- Certified in SolidWorks and Design from **AAP Engineering**(1-month program).

### **INTERNSHIP**

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- **Jaysan Agri Industrial (Product Designer - 60 days)**  
Proficient in Cypcut, SolidWorks, and AutoCAD, with practical experience.
- **Jayaraj JCB Training Centre (Trainee - 15 days)**  
The comprehensive lecture on the company JCB and its manufacturing products.

### **WORKSHOP**

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**Workshop on Basic Drone Mechanics** – Completed a hands-on workshop conducted by Green Tech Aviation at the SIET campus, 2023.

### **DECLARATION**

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I hereby confirm that the information provided above is accurate and truthful to the best of my knowledge.