Mohammad Nihaal

A21126511201 Bachelor of Technology Information Technology Anil Neerukonda Institute of Technology and Sciences

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### **SUMMARY**

AWS Certified Solutions Architect Associate and Google Cloud Associate Engineer with a strong foundation in cloud computing, troubleshooting, networking, and system administration. Passionate about resolving technical issues, optimizing cloud infrastructure, and delivering exceptional customer support. Adept at working in fast-paced environments and collaborating with teams to enhance operational efficiency.

#### **EDUCATION**

Degree	Institute	Board / University	CGPA/Percentage	Year
B.Tech(Information Technology)	Anil Neerukonda	Affiliated to Andhra University	7.60 (Till 6th Sem)	2022-2025
	Institute of			
	Technology and			
	Sciences			
Diploma EEE	Government	SBTET	78.80%	2019-2022
	polytechnic pendurthi			
Matriculation	Sree Krishna	SSC	9.2	2019
	Grammer School			

### EXPERIENCE

## APSSDC Cybersecurity

Virtual Training

May 2024 - July 2024

Visakhaptnam

- Developed and tested steganography techniques in Python, enhancing data security by securely encoding and decoding hidden data within images.
- Utilized cybersecurity tools on Kali Linux to conduct vulnerability assessments, identifying and addressing critical security flaws.

• AWS Restart Jan 2025 - Mar 2025 Visakhaptnam

Tech Mahindra - Managed AWS infrastructure including EC2, S3, RDS, and IAM, ensuring security and performance.

- Configured VPC networking with subnets, route tables, security groups, and load balancers.
- Monitored and troubleshot cloud resources using CloudWatch, CloudTrail, and AWS Config.
- Automated tasks using Python, and AWS Lambda to enhance efficiency.
- Worked with MySQL and DynamoDB, performing database management and optimization.

# **PROJECTS**

• 3D Portfolio Website

jan 2025

Github

Personal Project | React, Tailwind CSS v4, Three.js, Vite

- Built a fully responsive 3D portfolio website using React and Tailwind CSS v4, showcasing projects with a modern, user-
- Integrated Three.js and React Three Fiber to render interactive 3D models and animations for enhanced user engagement.
- Optimized performance and build speed using Vite, and structured the project with reusable, scalable components.

Steganography

May 2024 - July 2024

Cybersecurity | jupyter, python

Github

- Developed a steganography project using Python to hide and retrieve messages within images, enhancing secure data transmission.
- Gained practical experience in data security and image processing through hands-on project work.

## • Fastfood Billing System

Sep 2023 - Oct 2023

 $Web\ development$ 

Github

- Role: Team Lead
- Developed a system to efficiently process orders, track inventory, and calculate prices, ensuring quick and accurate transactions for customers and staff.
- Used VS Code along with HTML5, CSS, JavaScript, and PHP for seamless integration with the database.
- Leveraged XAMPP for efficient database management and hosting.

#### SKILLS

- Cloud Platforms: Amazon Web Services (EC2, S3, RDS, IAM, Lambda, CloudFormation, CloudFront), Google Cloud Platform
- Professional Skills: Networking, Operating Systems, Cloud Computing, Database, MySQL, Troubleshooting
- Programming Languages: C, Python, React Native, Tailwind-CSS, Three.js, HTML5, CSS, JavaScript, PHP (database connections)
- Tools and Frameworks: Jupyter, GitHub
- Operating Systems: Windows, Linux(CentOS, Ubuntu)
- Soft Skills: Strong customer focus , Leadership , Communication , Teamwork , Problem Solving , Time Management , Multi-Tasking
- Languages: English , Hindi , Telugu , Urdu

#### CERTIFICATIONS

- Solutions Architect Associate AWS
- Associate Cloud Engineer Google
- AWS re/Start Graduate AWS
- Cloud Computing NPTEL
- $\bullet$  Cybersecurity Basics edx , offered by IBM
- Joy Of Computing using Python NPTEL
- Getting Started with Python Coursera ,offered by University of Michigan
- AWS Workshop Brain o vision
- GCP Badges Google

## Positions of Responsibility

• DEB(Division Executive Board Member), Street Cause Oct. 2023 - Oct. 2025

Visakhapatnam

- •As a Division Executive Board Member at Street Cause, I lead initiatives across various domains including old age homes, or phanages street animal care, women's empowerment, and environmental sustainability, ensuring impactful community service projects each month.
- Fest Coordinator, Radian2k24, Anits

Feb. 2024

•As the fest coordinator for Radian2024, facilitated collaboration among clubs and events while actively contributing to each activity, handling logistics, schedules.

### ACHIEVEMENTS

• Ramp Walk 2nd, Won the ramp walk event at the college fest, Radian 2k24.

2024

Last updated: April 15, 2025