Mohammad Nihaal

A21126511201
Bachelor of Technology
Information Technology

Anil Neerukonda Institute of Technology and Sciences

+91-7989840332 mohammadnihaal 6777@gmail.com mohammadnihaal.22.le.it@anits.edu.in

GitHub LinkedIn

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

May 2024 - July 2024

Virtual Training

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

Tech Mahindra

Jan 2025 - Mar 2025

Visakhaptnam

- 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

• Steganography

May 2024 - July 2024

Cybersecurity

— Davidaned a steranography project using Python to hide and retrieve messages within images, enhancing secure de-

- 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

Github

Web development
- 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, HTML5, CSS, JavaScript, PHP (database connections)
- Tools and Frameworks: Jupyter, Visual Studio, 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
- 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

Visakhapatnam

Oct. 2023 - Oct. 2025

•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: February 15, 2025