

# ANBARASAN S

BE - CYBER SECURITY

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## SUMMARY

Cyber Security graduate with hands-on knowledge of AWS cloud services, Linux systems, and networking fundamentals. Familiar with deploying EC2 instances, configuring VPC networks, managing IAM users, and monitoring systems using CloudWatch. Possess basic troubleshooting skills and understanding of infrastructure support workflows. Seeking an entry-level Cloud or Infrastructure Support Engineer position to build practical experience and contribute to reliable system operations.

## TECHNICAL SKILLS

### Cloud & AWS

Amazon EC2, S3, IAM, VPC, Subnets, Route Tables, Security Groups, Network ACLs, Elastic IP, CloudWatch

### Networking

TCP/IP, DNS, DHCP, NAT, Routing & Switching Basics, OSI Model, Network Basic Fundamentals

### Operating Systems

Linux (Ubuntu – CLI operations) & Windows Server Fundamentals

### Programming

Python (Basic)

### Tools & Technologies

AWS Console, Git & GitHub, VS Code, Command Line Interface (CLI)

## INTERNSHIP EXPERIENCE

### Web Development Intern – The Website Maker

- Assisted in setting up development environments for web applications using Linux and Windows systems.
- Supported basic troubleshooting of website deployment and configuration issues.
- Helped in testing website functionality and identifying minor bugs.
- Monitored application behavior and reported performance or connectivity issues.

## ACADEMIC PROJECTS

### ZeroByX – Cybersecurity Specialized Large Language Model (LLM)

- Developed a cybersecurity AI assistant using dual LLM models for threat-related query handling.
- Designed a Python-based backend with PostgreSQL integration for session and data management.
- Implemented modular command structure to support incident response learning workflows.

### Comparative Analysis of Password and Passphrase Generation

- Developed comparative analysis of password and passphrase authentication mechanisms.
- Evaluated security strength against brute-force and dictionary attacks.
- Identified more secure authentication practices based on comparative results.

## CERTIFICATIONS & TRAINING

- AWS Solution Architect - Associate Training – FITA Academy, Chennai
- Cloud Computing – NPTEL
- Network Fundamentals – Infosys
- Network Defense Essentials (NDE) – EC-Council
- National Level Workshop on DevOps – SRM

## HANDS-ON PRACTICAL EXPERIENCE

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### AWS Cloud Infrastructure Practice

- Custom Network Infrastructure setup using AWS VPC.
- CRUD operations using AWS DynamoDB.
- File Metadata processing and Notification system using DynamoDB and SNS.
- Created IAM users and applied access control policies.
- Monitored instance performance using CloudWatch metrics and logs.
- Managed file storage using Amazon S3.

### Networking Practice

- Applied networking concepts within AWS VPC environments.
- Performed connectivity testing using networking diagnostic commands.
- Understood firewall rules and access control implementation.

### Linux Administration Basics

- Performed file and directory management using Linux CLI.
- Executed system and network diagnostic commands.

## CONFERENCES

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- ICOST 2024 – Ethical & Social Implications of Technology Innovations
- ICITECHS 2025 – ZeroByX: Cyber Security Specialized LLM

## EDUCATION

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### Bachelor of Engineering (B.E.) – Cyber Security

Dec 2021 - May 2025

*Mahendra Engineering College*

CGPA: 8.19

### Higher Secondary Education (HSC)

2021

*Mangalore Model School*

Percentage - 79.3

### Secondary School (SSLC)

2018

*Mangalore Model School*

Percentage - 72.8

## LANGUAGES

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- Tamil
- English