
MOUNIKA VALLABHU

☎ +91 6309176725

✉ mounika.vallabhu@gmail.com

📍 Hyderabad, INDIA

 <https://github.com/mounika717>

 www.linkedin.com/in/mounika-vallabhu

ABOUT ME

Motivated Computer Science graduate with a strong foundation in **IT systems, AWS cloud, and software development**. Experienced in **system administration, AWS cloud technologies and IT infrastructure** with a problem solving mindset and excellent communication skills. Passionate about continuous learning and eager to contribute to a dynamic IT environment in a **forward-thinking organization**.

SKILLS

- **Programming Languages** : C, Python, Java
- **Front-End** : HTML, CSS, JavaScript
- **Back-End** : Django and Flask
- **System Administration** : Windows Server, Linux
- **Cloud technologies** : AWS and Azure (EC2, S3, IAM, Lambda, DynamoDB, CloudWatch)
- **Networking** : VPC, TCP/IP, DNS, DHCP, Routing & Switching
- **Databases** : MySQL, SQLite.
- **Ticketing and ITSM Tools** : JIRA, ServiceNow.
- **Others** : Machine Learning, Active Directory, VMware, Excel, MS 365

CERTIFICATIONS & TRAINING

2022 - 2024

- **Certified AWS Cloud Practitioner** (AWS Free Tier Hands-on Projects)
- **AWS Cloud Quest** (Hands-on experience with AWS services & cloud-based problem-solving)
- **CCNA: Switching, Routing and Wireless essentials**
- **IT Service Management & Incident Handling ITSM and ITIL**
- **Server Administration** (Windows & Linux)

EDUCATION

Bachelor of Technology (B.Tech) – Computer Science and Engineering |
Jawaharlal Nehru Technological University, Kakinada | 2022 | **CGPA: 9.52 / 10**

Intermediate (MPC) - Aditya Junior College | 2018 | **Percentage: 96.9%**

SSC (10th Grade) - Montessori's English Medium School | 2016 | **CGPA: 10 / 10**

PROFESSIONAL EXPERIENCE

Vikartre Solutions - Intern

OCT 2024 - MARCH 2025

- Assisted in **system monitoring and troubleshooting** for **Linux & Windows** environments.
- Worked with **core AWS services** like EC2, S3, RDS, IAM, CloudWatch, and VPC to support infrastructure tasks.
- Worked with cross-functional teams to enhance **system security** and **operational efficiency**.
- Gained hands-on experience with **cloud-based solutions** and **IT automation tools** and Supported real-time **monitoring dashboards** using CloudWatch and Grafana.
- Implemented **Python scripts** for on-time Backups of EC2 instances.
- Responded to system alerts and **incident reports**, following structured **ITSM and ITIL** processes.
- Documented troubleshooting steps and **built a knowledge base** for efficient issue resolution.

PROJECTS

E-Diary Management System

- Developed a **responsive and user-friendly interface** using **HTML, CSS, and JavaScript**.
- Implemented the **backend using the Django python framework** for efficient data processing.
- Utilized **SQLite for structured database management**.

Women's Safety Alert System Using AWS

- Developed a **serverless** Women's Safety Alert System using **AWS Lambda, SNS, and DynamoDB** for real-time emergency notifications.
- Used DynamoDB for **user data management** and SNS for sending **Email alerts** to emergency contacts
- Enabled static web hosting on **Amazon S3** to provide a front-end interface for triggering alerts.

IT Infrastructure Monitoring System

- Implemented **automated alerts and performance dashboards** using **CloudWatch & Grafana**.
- Ensured system reliability and optimized resource utilization.