

# SAI ROHITH VENNU

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## EDUCATION

### Master's degree, Information Technology

University of Cincinnati, Cincinnati, Ohio

Degree Expected On: 08/2025

### Associate degree, Networking Career Program

Computers Systems Institute, Skokie, IL

Degree Awarded On: 09/2023

CGPA: 3.75/4.0

Courses: Network Pro, CompTIA Network, Cloud Computing

### Bachelor of Technology, Information Technology

Tudi Ram Reddy Institute of Technology & Science, JNTUH, India

Degree Awarded On: 07/2021

CGPA: 3.59/4.0

## IT WORK EXPERIENCE

### Bectran, Inc.

#### Associate DevOps Engineer & IT Support

Chicago, Illinois, United States · On-site

Nov 2023 - Aug 2024

## TECHNICAL SKILLS:

### AWS Cloud:

- Core Services: EC2, S3, RDS, VPC, IAM
- Advanced Services: Lambda, ECS, CloudFormation, CloudFront, Route 53
- Security and Compliance: AWS Security Hub, AWS Config, KMS
- Monitoring and Management: CloudWatch, Trusted Advisor, Systems Manager, Microsoft Applications.
- Data and Analytics: Redshift, Athena, Glue, Kinesis

### IT Support Responsibilities:

- Managed the company's IT inventory, including laptops, MacBooks, monitors, keyboards, mice, and other peripherals.
- Provided technical support for hardware issues, software installation, and antivirus management.
- Tracked and maintained records of all IT assets and inventory.
- Assisted with troubleshooting and resolving laptop issues, ensuring smooth operation for all employees.
- Coordinated procurement and setup of new IT equipment as needed.
- Implemented security protocols and managed antivirus software to ensure all devices were protected.

**Frameworks:** Network & Cloud Infrastructure, Azure Active Directory, AWS Cloud Services

**Operating Systems:** Linux, Unix, Windows, Ubuntu

**Tools & Applications:** PuTTY, FileZilla, Microsoft Applications.

**Networking Concepts:** Load Balancing, TCP/IP, DNS, Firewalls, VLAN, Switching,

**Cloud Concepts:** Server Configuration, Storage, Security, Virtualization, Monitoring

## ACADEMIC PROJECTS & CERTIFICATIONS:

**Networking Career Program - COMPTIA**

- Acquired expertise in installing, customizing, securing, and updating various operating systems like Windows, Linux.
- Skilled in Desktop Support with knowledge in Azure Active Directory, Azure Information Protection, and Windows Defender Advanced Threat Protection
- Developed proficiency in installing, configuring, operating, monitoring, and troubleshooting basic network infrastructure.
- Demonstrated ability in building and maintaining server level infrastructure.
- Explored the advantages of adopting cloud services, particularly the Software as a Service (SaaS) cloud model.
- This hands-on program helped me to understand the importance of customer relationships in any business providing required support enhancing my capabilities as a Systems Administrator.

#### **CERTIFICATION: TestOut Client-Pro Certified**

- Client-Pro certification validates my expertise to configure and troubleshoot the Windows 10 Operating System which uplifted my technical skills in Windows Configuration, Access Management, Hardware Configuration, Applications and Services, File System Management, Networking Configuration and System Protection.

#### **PROJECT: Employee Information Database**

**Objective:** Building a website “employee Info” that manages employee records of a company by using AWS infrastructure.

##### **Key Tasks:**

- Created infrastructure with EC2 instance with in a Private VPC, S3 bucket for storing images of employee, RDS Database to store meta data of employee and domain of the application using Route53 hosted zones.
- Created a Jenkins pipeline to do deployment of application on target infrastructure.
- Used Datadog for setting up monitors for applications on EC2. Enabled Datadog tracing for monitoring.

##### **Services & Tools used:**

- AWS Services: VPC, EC2, IAM, Route 53, Simple Storage Service (S3), Relational Database service.

##### **Project Outcome:**

- Hosted application in an EC2 instance within a private AWS VPC with attaching an IAM role to the EC2 instance to upload employee images into the AWS S3 bucket and adding employee meta data details into the AWS RDS database.