

# Jakkula Manisha Reddy

[manishareddyjakkula@gmail.com](mailto:manishareddyjakkula@gmail.com) | +1-312-284-7186 | [LinkedIn](#)

## Education

**University of Illinois at Chicago** – Master's in Management Information Systems, (Spring 2022 - Present)

GPA: 4/4

**JNTU Hyderabad** - Bachelor of Technology in Electronics and Communication Engineering, April' 18

Aggregate: 74.29%

**Sri Gayathri Junior College** - Board of Intermediate Education, May' 14

Aggregate: 91.6%

**St. Andrew's High School** - Board of Secondary Education, May' 12

GPA: 9.7

## Skills

**Operating Systems:** Windows & Linux.

**Database:** SQL

**Cloud Computing:** AWS, Azure, GCP, vSphere, vRA.

**Programming:** C, Java, Python.

**Scripting:** PowerShell, Bash.

**Deployment & Orchestration tool:** Ansible, Kubernetes, Jenkins, Terraform.

**Managerial Skills:** Operations and Development, Marketing and Planning.

## Professional Experience

### DevOps Engineer

Experian PLC

March'21 – December'21

- Built Terraform code for AWS infrastructure centralization.
- Developed Python code for fetching inventory details from the cloud and managing resources.
- Deployed Jenkins pipeline for Continuous Integration and deployment and integrated it with slack.
- Handled support tickets and resolved issues related to infrastructure with an SLA of 99%.
- Worked with multiple clients and helped them build environments as per their architecture.

### DevOps Engineer

NCR Corporation Pvt Ltd

July'18 – March'21

- Developed scripts using PowerShell, Java, APIs, bash, various clients, and command-line tools for different tasks.
- Utilized Rundeck and ansible for installing patches automatically across 300+ machines for security compliance.
- Took ownership of the windows license activation project and automated it using VAMT and PowerShell.
- Worked on Azure, vSphere, vRA, vCloud, and migration of resources.
- Organized team-building and brainstorming sessions.
- Interaction with end users to fetch requirements and build architecture for their projects.
- Windows and Linux system administrator – troubleshooting issues and monitoring environment.
- Managed and monitored security compliance using WSUS for windows machines.

### Mentorship

Amazon

Sep'16 – May'17

- Was a part of a mentorship program wherein we were trained on different aspects required for the industry.
- Presented a redesigned model of the website at the end of the mentorship.

### Internship

stuMagz

June'17 – Aug'17

- Worked as an intern-Academic Relations and successfully onboarded two colleges.

## Projects

Terraform repo sync of AWS.  
HCX migration of VMs to different remote location.  
Windows license activation synchronously using automation.  
Network Assessment Tool.  
Breath to Voice converter.  
IT support using tickets and stories

## Extra-Curricular Activities

### Management & Leadership:

- Social Media head at BVRIT-H.
- Elected as the Secretary for WIE Affinity group of BVRIT-H SB for three consecutive years and organized the first-ever COLLOQUIUM which has several footfalls from the industry.
- Was the lead of BVRIT-H stuMagz avengers' team and organized various competitions and events.
- An active volunteer of RHA with the primary responsibility of teaching kids of grade 1 – grade 6.
- Volunteered for the CSR group of NCR Corporation.

## Achievements & Awards

- Achieved AWS Academy Data Analytics and AWS Academy cloud foundation certifications from Amazon.
- Earned 4-star badge in Hacker rank for SQL.
- Earned Gold badge in Hacker rank for Python.
- Achieved certificate from LinkedIn learning for completing a course in Java Data Structures.
- Gained LinkedIn Skill Badge for Amazon Web Services.
- Certified by Coursera for accomplishing a four-week module named "AWS Cloud Technical Essentials".
- Merit Clearance in Cambridge Business English Certification Preliminary & Vantage.
- Presented seminars at Inter and Intra level competitions.
- Featured in student magazine and college blog for writing various articles.
- Awardee for "Young Promising engineer" and "Best All-rounder" for the batch from the college.
- Was awarded the "Smiley award" from NCR for automating HCX migration.
- Published a paper titled "Breath to voice converter for physically challenged" at ICETST-2018 hosted by Gateway Institute of Engineering and Technology.
- Certificate of Appreciation from IEEE WIE Leadership Summit Pune 2016.
- Stood 3rd at Inter College for presenting a paper on "Laser Alarm Security System" hosted by IETE Chapter at BVRIT.
- Stood as runner-up for project presentation on "Automatic washroom light" at JNTU.
- Obtained band 8 in IELTS.