

# VENKATA SAI NAGARJUNA SINGARAPU

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

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## OBJECTIVE

Self-driven, enthusiastic, and goal-oriented graduate with an analytical mind, problem-solving, and strong logical reasoning skills. Worked as a Software Engineer Apprentice Trainee at Cisco Systems India Private Limited.

## EDUCATION:

**Adikavi Nannaya University** | B.Tech | Computer Science and Engineering | 8.26 CGPA | Aug 2019 - May 2023

**Narayana Junior College, Visakhapatnam** | Intermediate - MPC | 9.88 CGPA | Jun 2017 - May 2019

**St Mary's EM High School, Kothakota** | SSC | 10.0 CGPA | Jun 2016 - Apr 2017

## TECHNICAL SKILLS

**Languages & Technologies:** Python | Java | C | Linux OS | SQL | MySQL | HTML | CSS | Bootstrap | Selenium

**Tools:** GitHub | Jira | Postman | REST APIs | Grafana | Excel | Kibana

**Networking:** Switching | Routing

## WORK EXPERIENCE

**Software Engineer Apprentice Trainee** | Cisco Systems India Private Limited

**Sep 2023 – Sep 2024**

- Developed and maintained automated test scripts using Selenium for functional and regression testing.
- Utilized Postman for API testing, ensuring the reliability and performance of REST APIs.
- Collaborated with the development team to ensure successful project execution and feature integration.
- Maintained and enhanced test automation frameworks, ensuring scalability and reusability.
- Utilized GitHub for version control and Jira for issue tracking and project management.
- Monitored application performance using Grafana and employed Excel for data analysis and reporting.

**Web Developer Intern** | Harmony Infotech Solution

**Jun 2022 – Jul 2022**

- Developed a Vehicle Management System web application using PHP and MySQL.
- Gained hands-on experience in web development and best practices.

**Data Science Intern** | Oasis Infobyte

**May 2023 – Jun 2023**

- Developed and trained a machine learning model for iris flower classification using Python and Scikit-learn.
- Proficient in data preprocessing, feature engineering, and model evaluation.

## PROJECTS

### **DDoS Attack Prediction Using Machine Learning**

- Developed a predictive model using the Decision Tree algorithm to detect DDoS attacks on computer networks.

### **Vehicle Management System**

- Developed a web application to manage vehicle information using PHP and MySQL.

## ACHIEVEMENTS

- Nominated as MVP of the quarter by my team at Cisco Systems India Private Limited.
- Pratibha Award for outstanding secondary school performance, Andhra Pradesh State Government, 2017.

## STRENGTHS

- Creative, Time Management, Leadership, Problem Solving, Interpersonal Skills, Analytical Skills, Teamwork

## HOBBIES

- Sports, Listening to Music