

# Vinod Yerramsetty

Python Developer

**Address:**

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Seeking an innovative and challenging role to continue my professional career as a Software Engineer in initiatives that utilize state-of-the-art software components with a creative, technology-driven organization in an environment that encourages innovative thinking, recognition, and career development.

## Professional Summary

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Working as Software Engineer in HCL Technologies LTD - Vijayawada, from Dec 2019 to Till Now to CISCO client.

- Having almost 3 Years of experience as a software developer in architecting scalable platforms as well as Developing and implementation of various Automation scripts using Python.
- Having good Knowledge in Object oriented programming(OOP's) concepts.
- Having basic Knowledge on HTML & CSS.
- Hands on experience in creating Dashboards using Tableau.
- Developed a dummy web application using Python, Django, MySql and web technologies.
- Good Analytical and problem solving skills, capable of learning new technologies.

## Technical Expertise

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- ✓ **Programming Languages** : Python
- ✓ **Python Libraries** : Pandas, Numpy, Matplotlib, openpyxl, pptx
- ✓ **Frameworks** : Django, Selenium(Automation), Pytest
- ✓ **Databases** : MySql
- ✓ **OS** : Windows, Linux
- ✓ **Tools | IDEs** : Tableau, Pycharm
- ✓ **Version Controllers** : Github

## Education

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**Master of Computer Application (MCA) - 2017-2019 [72 %]**

Sri Venkateswara University(SVU), Tirupati

## Professional Experience

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**Project Title: Cisco COMPASS**

**Clint: CISCO**

**Duration: 2021 Apr - Present**

## **Description:**

COMPASS(*customer proactive analytics*) project takes customers data sourced from Collectors, BCI, DNAC, and TAC and overlays the data with data analytics bucketing results into 5 categories: Software, Security[PSIRT Exposure], Coverage, Last day of support(LDoS) and Customer Education Data(Technical Skills). These report summary contains scorecard for various categories details.

- ✧ We source the data from different clients and move it to UI using REST API's in a bulk manner while reducing the production cost.
- ✧ We use the Tableau visualization tool to create interactive dashboards and these reports are provided to requested customers. As data is confidential, the reports are not accessible to others.
- ✧ To enhance the business easily understandable PPTs are created for the reports and separate team is preset for readouts through that team easily walk through the deck and access the required details immediately.

## **Role & Contribution:**

- Sourcing data from customers and processing using specific given ids and creating YAML files based on requirements and processing the data through ETL flow. Once processed the resulting reports will be shared to specific customers for that we used Tableau Tool for creating interactive dashboards.
- Used REST Apis to update the data on Compass Tracker using Postman API client.
- revised, modularised, updated old codebase to modern development standards and thus reducing operating costs and improving functionality.
- Some times I worked on developing scripts for extracting data based on requirement using Pandas, openpyxl, pptx libraries for scraping, extracting & formatting the data from different sources.

## **Project Title: DNAC (Apic-em-core)**

**Client: CISCO**

**Duration: 2020 Jan - 2021 Mar**

## **Description:**

Cisco DNAC (Digital Network Architecture Center) provides a complete intent-based networking system, using contextual insights to make sure the network continuously responds to dynamic IT and business needs. Cisco DNA is the open, software-driven architecture that turns vision into reality.

## **Role & Contribution:**

- I have done Automation Development/Testing using Python, selenium, Pytest.
- Contributed in developing business logic's at Backend
- Troubleshooting and Debugging automation failures
- To interact with Team Lead/Manager to update status and resolving the query if any in the daily stand-up meetings.
- Status updating on daily basis through e-mails.

## **Declaration**

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I here by declare that the information furnished above is true to the best of my knowledge.

**Date:**

**(Vinod Yerramsetty)**