

# Venu Vardhan Reddy Tekula

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## SUMMARY

A proactive and fast learning individual seeking an opportunity to work as a dynamic software engineer utilizing my analytical & methodical skills and relevant expertise to help the company achieve business goals while sticking to vision, mission and values.

## EDUCATION

**Amrita School of Engineering, Amrita Vishwa Vidyapeetham**

*Bachelors of Technology in Computer Science; GPA: 8.22/10.0*

Amritapuri, Kollam, India.

*Expected May 2020*

**Narayana Junior College**

*Higher Secondary; Marks: 95.1%*

Dilsukhnagar, Hyderabad, India.

*Aug 2014 - May 2016*

**Dilsukhnagar Public School**

*Secondary; GPA: 9.8/10.0*

Vanasthalipuram, Hyderabad, India.

*May 2014*

## EXPERIENCE

**Ben-Gurion University of the Negev**

*Summer School Student*

Beersheba, Israel

*July 2019 - August 2019*

I was selected for a one-month summer course on Data Mining and Business Intelligence with its applications in Cyber Security at BGU, Israel with a scholarship and 400 USD stipend.

**CHAOSS - The Linux Foundation**

*Open Source Contributor*

*January 2019 - Present*

It is an Open Source project focused on creating analytics and metrics to help and define community health. We define, create and implement metrics which helps to make tools for the analysis of different Open Source communities. I am a part of the **WG-Evolution** which is focused on the life-cycle of open source projects. Growth, Maturity and Decline are the important concepts of the metrics.

**FOSS@Amrita**

*Member and Student Mentor*

Amritapuri, India

*July 2016 - Present*

amFOSS club trains students encourage contributions to free and open source software and skill development. I actively mentor juniors and participate in various club activities. I am the head of the Data Science Team.

## PROJECTS

- **Analysis of Phishing Detection using SHAP:** I worked under Dr. Yisroel Mirsky and Shai Cohen on the research project of BGU Cyber Labs, Phishing Detection. The aim is to extract the important features contributing to the project using SHAP tool.
- **CHAOSS Microtasks:** It was a part of the selection procedure for GSoC 2019. Worked on the implementations of evolution metrics in Python and made detailed analysis reports about the growth of FOSSASIA open source projects.
- **GitLit:** It is a social networking site exclusively for OSS developers. Built with Django, GitHub GraphQL, Bootstrap and Saas. It works by connecting enthusiastic developers to the most interesting and relevant projects to them and forming new communities of like-minded and passionate developers. It works by generating suggestions to user, based on the scores of user and repository calculated based on a set of predefined metrics, through Collaborative Filtering.
- **EcoTourism@Lambasingi:** Student Social Responsibility Project. We organized a 4-day campaign to *promote cleanliness* in a *remote place Lambasingi*, which is one of the villages in Andhra Pradesh near Visakhapatnam as a part of the *SSR Project*.

## SKILLS

- **Languages:** Python, C++, Java.
- **Courses:** Data Structures, OOPS, NLP and Pattern Recognition.
- **Tools & Technologies:** Git & GitHub, Anaconda.

## ADDITIONAL EXPERIENCE & ACHIEVEMENTS

- Got selected as a student to the Data Mining and Business Intelligence with application in Cyber Security Summer Program at Ben-Gurion University of the Negev (BGU), Israel with 92% scholarship.
- I served as the **Chief Coordinator** for the Data Analytics with Python workshop in the **Road To Excellence** internship program conducted by CIR@Amrita in with the collaboration with FOSS@Amrita.
- I served as the **Student Coordinator** for the **Venue Maintenance Seva** during **Amritavarsham** which is the birthday celebration of Mata Amritanandamayi Devi, popularly known as "**Amma**".