

Venu Vardhan Reddy Tekula *MS CS Graduate Student*

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Experience

Software Developer, BeeHyv Software Solutions [🔗](#)

01/2022 – 07/2022

Hyderabad, India

- Created the squad for working on integrating crater, an open-source invoicing solution, into Bahmni for handling the payments & invoices.
- Worked as the payments-lite squad leader, and my responsibilities were managing the project, implementing new features, and fixing bugs.

Backend Developer, Bitergia [🔗](#)

10/2020 – 12/2021

Madrid, Spain

- Worked on creating an automatic packaging & release workflow which generates releases notes using change-log entries and publishing the releases to GitHub.
- Worked closely with the WG which build, document, craft solutions and maintain different projects under the GrimoireLab toolchain.
- Worked as the Community Manager for a brief period of time for the GrimoireLab project.

Education

MS in CS, Tandon School of Engineering, New York University [🔗](#)

09/2022 – present

Brooklyn, USA

Current Courses: Internet, Security and Privacy, Design and Analysis of Algorithms I, Programming Languages.

B. Tech in CSE, School of Engineering, Amrita Vishwa Vidyapeetham [🔗](#)

07/2016 – 06/2020

Amritapuri, India

- CGPA: 8.26/10.0
- Active member of amFOSS, a student-run open source community.
- GSoC 2020 with CHAOSS and GrimoireLab.
- Qualified for InCTF 2019 finals.

Summer Student, Ben-Gurion University of the Negev

07/2019 – 08/2019

Beersheba, Israel

Selected to attend the Data Mining and Business Intelligence with its applications in Cyber Security course. Worked on the Phishing Detection project with Dr. Yisroel Mirsky at the BGU Cyber Labs.

Skills

Python (Django, Flask)

Java

MySQL

React JS

Elasticsearch (Kibana)

Git & GitHub

AWS

Team Work

Problem Solving

Mentoring

Interests

Data Analytics, Cyber Security, Machine Learning, Software Engineering, Open Source Software

Projects

Crater for Bahmni [✍](#)

Bahmni is an easy-to-use EMR & hospital system. It combines and enhances existing open source products into a single solution. Integrated Crater, an invoicing solution, replacing Odoo to handle the payments.

Wordle GitHub Contributions [✍](#)

Twitter bot which tweets your monthly GitHub contributions as a Wordle Grid at the end of every month.

Poetry Export Only Dev-Dependencies (peodd) [✍](#)

Command line tool for exporting (poetry export) only the dev-dependencies.

Release Process Automation [✍](#)

Created a framework to automate the release process of python-based projects, inspired by GitLab's system.

Creating Quality models using GrimoireLab and CHAOSS metrics [✍](#)

The main aim of this project is to design an approach to shape the GrimoireLab data in a format that can easily be consumed by Prosoul and implement it on the data obtained from a few data sources like git, github, and mailing list repositories to obtain simple quality models.

Perceval plugin for Zulip [✍](#)

Created a Perceval backend plugin for the Zulip platform. Perceval is the GrimoireLab component that collects data from different data sources and returns it as JSON documents.

Malicious Web Content Detection using Machine Learning [✍](#)

Chrome Extension checks the website you are browsing, analyzes the content of the website, and categorizes it into SAFE/MALICIOUS, using an ML model.

GitLit [✍](#)

Projects networking site exclusively for OSS developers that connects enthusiastic developers to the most interesting and relevant projects and forms new communities of like-minded and passionate developers.

Languages

English

IELTS: 7.5

Telugu

Native

Hindi

Native

Spanish

Beginner

Organisations

Amritavarsham, MAM, Volunteer

Served as the Student Coordinator during Amritavarsham which is the birthday celebration of Mata Amritanandamayi Devi, popularly known as "Amma".

2016 – 2020

Amritapuri, India

Student Social Responsibility, Project Lead

Worked on the project "Cleanup @ Lambasingi" which focused on conducting a cleanup drive and spreading awareness against pollution and saving the environment at a famous tourist place called Lambasingi.

Lambasingi, India