Venu Vardhan Reddy Tekula

MS CS Graduate Student

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Skills

Python (Django), Java, Go, MySQL, Ruby on Rails, GraphQL, Vue.js, React, Elasticsearch, Git (GitHub, GitLab), Team Work, Mentoring, Problem Solving

Interests

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

Education

MS in CS, Tandon School of Engineering, New York University ⬈

Sep 2022 – present | Brooklyn, USA

Courses: Algorithms, Computer Security, Programming Languages. Graduation: May 2024 (expected)

Languages

English (IELTS: 7.5)

Telugu (Native) | **Hindi** (Native)

Other

- Active member of amFOSS, a student-run open source club.
- GSoC 2020 student with CHAOSS and GrimoireLab.
- Qualified for InCTF 2019 finals.
- Amritavarsham Volunteer, MAM.

Experience

Software Developer, BeeHyv Software Solutions ⬈

Jan 2022 – Jul 2022 | Hyderabad, India

- Created the team for integrating crater, an open-source invoicing solution, into Bahmni for handling the payments.
- I served as the payments-lite squad leader, planning for the project, implementing new features and fixing bugs.

Backend Developer, Bitergia ⬈

Oct 2020 – Dec 2021 | Madrid, Spain

- Worked on creating an automated release process that generates release notes and publishes them to GitHub.
- Worked closely with the WG to build, document, and maintain solutions under the GrimoireLab toolchain.
- Worked as the Community Manager for GrimoireLab for a brief period of time.

Projects

Crater for Bahmni ⬈
Bahmni is an integrated EMR & hospital system that combines open-source products into a single solution. Crater is an open-source app that helps you track payments, and create invoices. Integrated Crated into Bahmni 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 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 GLab and CHAOSS metrics ⬈
The purpose of this project is to design an approach for shaping GrimoireLab data in a format that can easily be consumed by Prosoul.

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 ⬈
A chrome extension that analyzes the content of a website, categorizing it into safe or malicious using an ML model.

GitLit ⬈
An online resource for open-source software developers, it connects enthusiastic developers to the most interesting and relevant projects.