

# Venu Vardhan Reddy Tekula *MS CS Graduate Student*

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## EDUCATION

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**Masters degree in Computer Science**, Tandon School of Engineering, NYU 09/2022 – present  
Courses: Design and Analysis of Algorithms, Information Security and Privacy, Programming Brooklyn, USA  
Languages, Big Data, Machine Learning, Software Engineering. Graduation: May 2024

## EXPERIENCE

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**Software Developer**, BeeHyv Software Solutions 01/2022 – 07/2022  
Hyderabad, India

- Played a key role in the integration of crater, an open-source invoicing solution, into Bahmni. As the payments-lite squad leader, I was responsible for overseeing the project, including planning, implementing new features, and fixing any bugs that arose.
- Working closely with the rest of the team, we were able to successfully integrate crater into Bahmni, streamlining the payment process and improving efficiency for our clients.

**Backend Developer**, Bitergia 10/2020 – 12/2021  
Madrid, Spain

- Responsible for creating an automated release process that generated release notes and published them to GitHub. This process helped improve our team's efficiency and ensured that all release information was accurately documented and easily accessible.
- In addition to this project, I also worked closely with the WG to build, document, and maintain solutions under the GrimoireLab toolchain. My knowledge and expertise in this area helped to improve the toolchain and make it more user-friendly for our clients.
- Served as the Community Manager for GrimoireLab. I was responsible for managing the community and ensuring that all members were able to collaborate and share ideas effectively.

## SKILLS

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Python (Django) | Java | Go | JavaScript (Vue.js, React) | MySQL | Ruby (Rails) | GraphQL  
Git & GitHub | Elasticsearch | Jupyter | AWS | Team Work | Problem Solving | Mentoring

## INTERESTS

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

## PROJECTS

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**Wordle GitHub Contributions**, [vchrombie.github.io/links/3](https://vchrombie.github.io/links/3)  
Twitter bot which tweets your monthly GitHub contributions as a Wordle Grid at the end of every month.

**Creating quality models using GLab and CHAOSS metrics**, [vchrombie.github.io/links/4](https://vchrombie.github.io/links/4)  
Developed approach to shape GrimoireLab data for use in Prosoul in order to compare software projects and create quality models using data from git, github, and mailing list repositories.

**Perceval plugin for Zulip**, [vchrombie.github.io/links/5](https://vchrombie.github.io/links/5)  
Implemented a Zulip backend plugin for the Perceval tool to gather and analyze data from zulip server streams.

**Malicious Web Content Detection using Machine Learning**, [vchrombie.github.io/links/6](https://vchrombie.github.io/links/6)  
A chrome extension that analyzes the content of a website, categorizing it into safe or malicious using an ML model.

**GitLit**, [vchrombie.github.io/links/7](https://vchrombie.github.io/links/7)  
Developed social platform for open-source software developers to connect and collaborate on relevant projects.

## EXTRACURRICULAR ACTIVITIES

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- Active member of amFOSS, a student-run open source club.
- Google Summer of Code 2020 student with CHAOSS and GrimoireLab.
- Qualified for InCTF 2019 finals.
- Amritavarsham Volunteer, Mata Amritanandamayi Math.