

# Venu Vardhan Reddy Tekula

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## EDUCATION

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### Masters in Computer Science, NYU, Brooklyn, USA

09/2022 – present

Coursework: Design and Analysis of Algorithms, Information Security and Privacy, Programming Languages, Big Data, Dataset Search and Discovery, Software Engineering. Graduation: May 2024 (expected). GPA: 3.8/4.0

## EXPERIENCE

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### Software Developer, BeeHyv, Hyderabad, India

01/2022 – 07/2022

- Led integration of crater, an open-source invoicing solution, into Bahmni as payments-lite squad leader. Oversaw project planning, new feature implementation, and bug fixing.
- Collaborated with the team to integrate crater into Bahmni, streamlining payment process and improving efficiency for clients.

### Backend Developer, Bitergia, Madrid, Spain

10/2020 – 12/2021

- Automated process to generate and publish release notes to GitHub, enhancing team efficiency and ensuring documentation accessibility.
- Contributed to development, documentation, and maintenance of GrimoireLab toolchain solutions with the working group, using expertise to improve user-friendliness for clients.
- Served as Community Manager for GrimoireLab, responsible for managing community and facilitating collaboration and idea sharing among members.

## SKILLS

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Python | Django | Flask | Java | Go | JavaScript | Vue.js | React | MySQL | R | Git  
GitHub | OpenSearch | GraphQL | Jupyter | AWS | CI/CD Tools | Docker | Kubernetes

## INTERESTS

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Software Engineering, Cyber Security, Open Source Software, Machine Learning, Mentoring

## PROJECTS

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### Wordle GitHub Contributions, vchrombie.github.io/links/3

Built a GitHub action that tweets monthly contributions as Wordle Grid at the end of every month.

### Creating quality models using GrimoireLab and CHAOSS metrics, vchrombie.github.io/links/4

Developed a method to shape GrimoireLab data for use in Prosoul to compare software projects and create quality models using Git, GitHub, and mailing list repository data.

### Perceval plugin for Zulip, 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

Built a chrome extension that employs a machine learning model with Python to analyze and categorize the content of a website as safe or malicious

### GitLit, vchrombie.github.io/links/7

Developed a social platform for open-source software developers to connect and collaborate on relevant projects with Django, MySQL, GraphQL, and React.

## EXTRACURRICULAR ACTIVITIES

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- Mentored junior members as an active member of amFOSS, a student-run open source club.
- Selected as a Google Summer of Code 2020 participant with CHAOSS and GrimoireLab.
- Qualified for InCTF 2019 finals, India's Premier Hacking & Cyber Security contest.
- Volunteered for Amritavarsham, organized by Mata Amritanandamayi Math.