Venu Vardhan Reddy Tekula

Brooklyn, NY 11209 | vt2182@nyu.edu | +1 (732) 986-8521 | linkedin.com/in/tvvr | github.com/vchrombie | vchrombie.github.io

EDUCATION

New York University, Tandon School of Engineering   Brooklyn, NY
Master of Science (MS) in Computer Science | **GPA: 3.8/4.0**   09/2022 – 05/2024

SKILLS

Programming languages & Frameworks: Python, JavaScript, Java, Go, React, Vue.js, Django, Ruby on Rails
Databases & Cloud platforms: MySQL, MongoDB, AWS, Azure
Data Engineering: Hadoop, Spark, Hive, Pig, SQL, NoSQL, Data warehousing
Data Science: R, Pandas, NumPy, SciPy, Matplotlib, Seaborn
Tools & Technologies: Git, GitHub, JIRA, Visual Studio, GraphQL, OpenSearch
Software development methodologies: Agile, Scrum
Software design patterns and best practices, Problem-solving and analytical skills, Excellent communication and teamwork.

COURSEWORK

Dataset Search and Discovery, Big Data, Software Engineering, Design and Analysis of Algorithms, Programming Languages, Information Security & Privacy.

INTERESTS

Software Engineering, Cyber Security, Data Analytics, Open Source Software, Machine Learning, Quantum Computing, Mentoring.

PROJECTS

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.

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.

EXPERIENCE

Software Developer, **BeeHyv Software Solutions**, 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.

ACTIVITIES

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.
Contributed to various open-source projects like OpenSearch, coveralls, coveralls-python, radish, poetry-python, etc.