Venu Vardhan Reddy Tekula

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SUMMARY

A proactive and fast learning individual seeking an opportunity to work as a dynamic software engineer utilizing my analytical & methodical skills and relevant expertise to help the company achieve business goals while sticking to vision, mission and values.

EDUCATION

Amrita School of Engineering, Amrita Vishwa Vidyapeetham   Amritapuri, Kollam, India.
Bachelors of Technology in Computer Science; GPA: 8.26/10.0   *Expected May 2020*

Narayana Junior College   Dilsukhnagar, Hyderabad, India.
Higher Secondary; Marks: 95.1%   *Aug 2014 - May 2016*

Dilsukhnagar Public School   Vanasthalipuram, Hyderabad, India.
Secondary; GPA: 9.8/10.0   *May 2014*

EXPERIENCE

FOSS@Amrita   Amritapuri, India
Member and Student Mentor   *July 2016 - Present*

    amFOSS club trains students encourage contributions to free and open source software and skill development. I actively mentor juniors and participate in various club activities.

CHAOSS - The Linux Foundation
Open Source Contributor, GSoC Student Developer   *January 2019 - Present*

    It is an Open Source project focused on creating analytics and metrics to help and define community health. I work closely with the **GrimoireLab WG** which mainly focuses on developing the GrimoireLab toolchain. I'm also working Student Developer for CHAOSS as a part of Google Summer of Code Program 2020.

Ben-Gurion University of the Negev   Beersheba, Israel
Summer School Student   *July 2019 - August 2019*

    I was selected for a one-month summer course on Data Mining and Business Intelligence with its applications in Cyber Security at BGU, Israel with a scholarship and 400 USD stipend.

PROJECTS

- **Creating Quality models using GrimoireLab and CHAOSS metrics**: The main aim of the 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.

- **Analysis of Phising Detection using SHAP**: I worked under Dr. Yisroel Mirsky on the research project of BGU Cyber Labs, Phishing Detection. The aim is to build a tool to extract the important features contributing to the project using SHAP.

- **GitLit**: It is a social networking site exclusively for OSS developers. Built with Django, GitHub GraphQL, Bootstrap and Saas. It works by connecting enthusiastic developers to the most interesting and relevant projects to them and forming new communities of like-minded and passionate developers. It works by generating suggestions to user, based on the scores of user and repository calculated based on a set of predefined metrics, through Collaborative Filtering.

- **EcoTourism@Lambasingi**: Student Social Responsibility Project. We organized a 4-day campaign to *promote cleanliness* in a *remote place Lambasingi*, which is one of the villages in Andhra Pradesh near Visakhapatnam as a part of the *SSR Project*.

SKILLS

- **Languages**: Python, C++
- **Tools**: LaTeX, Jupyter, Git & GitHub
- **Tech Stack & Frameworks**: ELK stack (Logstash, ElasticSearch, Kibana), Django, Flask

ADDITIONAL EXPERIENCE & ACHIEVEMENTS

- Got selected as a student to the Data Mining and Businees Intelligence with application in Cyber Security Summer Program at Ben-Gurion University of the Negev (BGU), Israel with 92% scholarship.
- I served as the **Chief Coordinator** for the Data Analytics with Python workshop in the **Road To Excellence** internship program conducted by CIR@Amrita in with the collaboration with FOSS@Amrita.
- I served as the **Student Coordinator** for the **Venue Maintainence Seva** during **Amritavarsham** which is the birthday celebration of Mata Amritanandamayi Devi, popularly known as "**Amma**".