**SAJJA TARUN TEJA**

**PROFILE**

I'm currently working with Python, JavaScript, and Matlab. I'm also working on Python Backend and a few technologies like Flask, Django, and Blockchain. My interests are in the fields of Machine Learning, Deep Learning, Data Analysis, Data Science and Web Development.

**EDUCATION**

* **B.Tech.** **Computer Science Engineering - AI**

**CGPA – 8.14 / 10 2019 – 2023**

Amrita School of Engineering,

Amrita Vishwa Vidyapeetham, Coimbatore

* **Class 12** – 91% **[KBPUE] 2019**
* **Class 10** – 94% **[CBSE]** **2017**

**PROJECTS**

**Image classification**

Worked on datasets like CIFAR 10, MNIST, and diseased plants.

Algorithms used are, KNN, CNN, DNN, RNN, K-Means, Random Forest, Naïve Bayes

Performed Intrinsic Analysis, Classification & Prediction

**Crypto - Banking System**

De-centralized application based on blockchain, where it can store cryptocurrency in wallet and get interest in another cryptocurrency

Technologies used: Web Languages(Frontend), Solidity for the blockchain, JS testing framework like Mocha, Chai.

**Algorithmic Trading bot**

A trading bot that automatically trades [buy, sell or hold] based on the training results from an algorithmic model.

Reinforcement and Machine Learning models were used to do a comparative analysis of the strategic returns

**Other Projects:** Topic Modeling, Sentiment Analysis, Django Web Application

**TECHNICAL SKILLS**

**Languages**: Python | JavaScript | Matlab | Web Languages | Java | Cassandra

**Skills**: Data Structures | Algorithms | Machine Learning | Web Scraping | NLP | Computer Vision | Deep Learning | Data Analysis

**Technologies**: Django

**Other**: Git/GitHub| Agile Methodologies

**WORK EXPERIENCE**

* **Python intern**: Worked in the Python Backend department in CodeHive IT Solution Ltd. Build an Amazon Web Scraper and worked on a Web Application that monitors Civil and Criminal Offenders remotely.
* **Machine Learning and Java Intern:** Worked in the Machine Learning and Automation, Java Backend departments in Tessrac Ltd. Actively assisted on Machine Learning based product based on Python. Assisted in Testing and Debugging a Java-based Live Project.
* **International Intern:** Currently working as a Python SDE Intern in YM Global Technologies Pvt Ltd, Singapore. Worked in Singapore (On-Site) for 1 month, and now working remotely

**LANGUAGES**

* + English – Full Professional proficiency
  + Telugu – Professional proficiency