

Jaya Mukesh G

2nd Year B.Tech ECE

I am enthused over the power of **Data** and exploiting it with **classic algorithms, cloud tools & ML/DL** frameworks in the **Finance** field. I also admire automating households and cooking with **IoT**.

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📍 Chennai

EDUCATION

B.Tech ECE (4yrs)

IIIT Allahabad

08/2019 - Present

CGPA 7.83

Higher Secondary Education

KenBridge CBSE School

05/2016 - 05/2018

90.8 %

Secondary Education

Dharani Matriculation School

06/2015 - 04/2016

98 %

DEPLOYED PROJECTS

NSE's Level 2 TickData (Stocks) Scrapper from Open Internet

- Azure Deployed
- Low Cost
- Highly Accurate Data
- Pythonic

Momentum Options (Stocks) Scalper

- Azure Deployed
- 82% Accuracy
- Pythonic

Stationary Time Series - MeanReversion Strategy on Highly Liquid Stocks

- Azure Deployed
- 65% Accuracy
- Pythonic

SKILLS

C/C++

Python

Azure

Docker/Kubernetes

TensorFlow/Pytorch

Database Optimization

Data Cleaning/Analysis

Flask/REST API

Git

WORKING PROJECTS

Low Cost Household Grocery Manager

Automatic quantity detection and order placement

Multi -Dimension Portfolio Risk Management using Kubernetes

*Multi -Dimension (Server crashes, Global events, Corporate Actions..)
Risk detector distributed through Docker Containers*

Low Compute CCTV Thief Detector

*Target : Cheap Data computation using **Fast.ai** 's pytorch Frameworks.*

NSE's Level 3 TickData (Stocks) Scrapper from Open Internet

Target : Low cost or No cost

Multi-Task Personal Assisting Manger

*Monitors all personally automated tasks from watering the plants to
Portfolio risks and alerts whenever things goes wrong.*

LANGUAGES

English

Full Professional Proficiency

Tamil

Full Professional Proficiency

Hindi

Professional Working Proficiency

INTERESTS

Story Writing

Foot Ball

Cooking

Traveling

Fashion Design

Yoga