Aarav

Phone : **919-987-5657**   **aarav.bogadapati@deeptechnyse.com**   aarav.bogadapati@gmail.com

Certificates and achievements	: www.aaravworkshop.com
Resume and Code Repo	: Github.com
Linkedin Reference	: www.linkedin.com/in/aarav-bogadapati-29a716277
My IT Products	: https://deeptechnyse.com/about-us/
My AL / ML Mentor References	: Dr. Dushyant PhD (UCONN University)
	Hari - AL / ML Director , Texas University professor

Synopsis :

Ever since my childhood, I have been fascinated by the mix of technology & finance, particularly Fintech, Securities trading, Forex and block chain. When I saw my close friend drop out of the band because of financial constraints. I felt bad and wanted to help. I knew the finance market had good opportunities for small investments but knowledge and general awareness were needed.. So, I started by exploring how technology can help small investors make more informed decisions and overcome financial hurdles. This journey led me to build a **Financial Portfolio App**. I even started my own Company **www.DeepTechNYSE.com,** to make this product accessible to everyone. Through my company I have provided IT services for NGOs. This led me to create "**Video Surveillance App " and "Tax Filing App",** thus allowing me to apply my technical skills to solve practical problems and make a positive impact to my community.

My dedication to this field has earned me recognition as a "**Young Entrepreneur**" by PCHS DECA lead Mrs. Lee. To share my knowledge and insights with others, I established the PCHS "**Finance & Economics Club**," where I share what I know about market analysis and financial concepts with my classmates..

FinTech App:

    This **Python-based machine learning(RNN)** program retrieves stock data from Yahoo Finance to provide predictions on the potential price for the following day. This enables users to make more data-oriented investment decisions, ultimately enhancing the profitability of their portfolio.

Invoice Digitization App:

    This **Python** application utilizes **PyTesseract** and the **RE-SEARCH** model to scan receipts for an NGO's. It aims to provide the organization with enhanced insights into their operational costs, enabling them to efficiently file taxes and saving them the labor costs associated with manually entering each value.

Video Surveillance Product :

    An NGO approached me with a request to build this product in order to save on operating costs. The organization will significantly reduce expenses by processing videos and receiving daily reports on any incidents that occur. I have worked at DeepTechNYSE in AI / ML / R-NNN Technologies. I have learnt / used expertise in building Finance / Investment Trader skills.

Analyst	Business Intelligence Certified by Google
	   Trading Securities.
	    Placing PUT's and SHORT's during Trading day.

Finance	Financial Market Certification by Yale University Focussed on Finance and Technology Domains.
Technology	Python Course from Coursera
Fintech / Technology	Self Learned : Technology and Finance Domain courses from YouTube.

Technology Used :

Tools / Languages	Python 3.11, 3.12, Pandas 2.0, 2.1, React JS, Github, MS Office
GUI	Xamarin (Android & iOS), Wordpress, Elementor, Django, Flask, Kotlin
Cloud	Google Cloud Platform (Host website, Domain), AWS for Website hosting
Database	MS Sql
Machine Learning / Packages	Keras, SK Learn, Linear Regression, Recurrent Neural Network (RNN) , Coco DataSet, Invoice Package : PyTesseract, Beautiful Soup, Turtle

Personal Info @ www.aaravworkshop.com
Core Functionality : Personal Information, Games, Charitable programs, Recycle electronics.

I have revamped my Website many times in the past 4 years. Hosted on Google Cloud Platform with static VMC, it is low cost hosting with security to my website. I have charity events updates and sales of used computer peripherals which would have caused a huge amount of pollution if they are discarded. I think the best way to save pollution is by REUSE of electronics and I am doing my part by using my website to publish used electronic equipment and decrease the need to purchase new.

Eco System : Wordpress, Django, Flask, GCP, Jupyter Notebook. IntelliJ

Application / Games :
Android : Dice Rollout

This application works on Kotlin using Android Studio IDE. It is a simple DICE with prediction of the output. This improves in guess work and kids can play as DICE for the board games.
Google AppStore.

Eco System : Android Studio, Visual Studio, PyCharm, Kotlin

Windows : PingPong Game

Used the Turtle package in Python to develop this simple game. It is a Windows / Python based game. I shared it with my friends, so they can play in their free time.

YouTube Channel creation.

I have 2 mainstream focussed Youtube channels for Music & Arts and other for Gaming Videos. I love content development. These channels provided me with a good platform to display my creation.

Activities / Achievements:

My experience starts (from 2018) with my Website (www.aaravworkshop.com) which I have initially built using DJANGO and later with Wordpress. I have built small games for Revenue generation for my website hosting and other expenses and apps on mobile. I have multiple YouTube Channels for various content like creation on Origami and Music Videos. I have a channel for Games like teaching Chess and Fortnite.

Highlights of Achievements
   USA - Donald Trump Signed : President Award for Excellence in Academics.
   USA - President Award for Volunteer Award for Supporting NGO's and Community Services.
   USA - Participated in Chess, Swimming and Tennis
   Music - Flute - ABRSM Flute Certification.
   TATA-YUVA : Python (ML / AI) Instructor for 2023 / 24.
   President for the Finance & Economics Club.
   Leader (Board) Member in Technology Student Association.

November 13, 2023

To Whom It May Concern,

It is my pleasure to recommend Aarv Bogadapati for an 8- week high school internship with Bank of America.

I am Monica Click, an assistant principal at Panther Creek High School. I have 26 years as an educator and administrator of which two of those years have been here at Panther Creek. I have had an opportunity to work with many students and I believe this opportunity will help Aarv to grow in the area of Finance and Technology.

During Aarv's time at Panther Creek, he has shown leadership in various clubs such as President of PCHS Finance and Economics Club, Executive Member of Future Business Leaders of America, DECA, and the PCHS Marching Band to name a few.

I am confident that Aarv would be a great fit for your company. He will bring the skills and experiences you're looking for in an applicant and will also be an asset and help your company grow in any way that he can.

Sincerely,

Monica Click

Monica Click
Panther Creek High School
Assistant Principal

TATA Yuva

To Whom It May Concern,

I am writing to extend my heartfelt appreciation for the exceptional leadership and contributions of Mr. Aarav Bogadapati during his tenure as the Lead Instructor for the TATA Yuva Technology Program. Mr. Bogadapati played a pivotal role in leading the program.

Mr. Aarav Bogadapati's vision and dedication were evident from the early stages of the TATA Yuva Technology Program. He actively participated in the program's development, contributing valuable insights and expertise that shaped its curriculum and objectives. His commitment to creating a program focused on Python and Machine Learning has been instrumental in its success.

Throughout his tenure, Mr. Bogadapati's contributions surpassed our expectations, making a substantial impact on the success and effectiveness of the Program. His unwavering dedication and strong work ethic were integral to its execution, ensuring a high-quality learning experience for all participants.

I would like to highlight Mr. Bogadapati's exceptional communication skills, which greatly enhanced the collaborative and interactive nature of the workshop. His ability to efficiently address queries and resolve issues contributed significantly to the positive atmosphere and overall success of the program.

Mr. Bogadapati, we express our sincere gratitude and extend our best wishes for his future endeavors. His leadership, both in creating and leading the TATA Yuva Technology Program, has left an enduring mark, and we are confident that he will continue to excel in all his future pursuits.

Sincerely,

Signature

Sridhar G.
Director of TATA YUVA 2023
Cary, NC

Dear Aarav,

I am writing to express my heartfelt appreciation for your outstanding contributions and unwavering dedication. Your hard work and commitment have made a significant impact, and I wanted to take a moment to acknowledge and commend your exceptional efforts of 96 Hours between July and October of 2023.

In the time you have been a part of Sri Venkateshwara Temple of North Carolina IT Volunteer, your contributions have consistently exceeded our expectations. Whether it's your innovative ideas, your attention to detail, or your exceptional work ethic, you have consistently demonstrated the qualities that set you apart as a valuable team member.

Your ability to utilize latest Technologies has not only contributed to the success of our "Digital Receipts for Tax Filing" projects but has also inspired and demonstrated the power of Machine Learning in Python. This application is listed in www.deeptechnyse.com for easy access.

I would also like to commend your excellent communication skills, which have greatly improved our internal and external collaboration. Your ability to work effectively with different teams and stakeholders has been instrumental in our achievements.

In addition to your professional qualities, your friendly and approachable demeanor has created a pleasant and inclusive working environment. Your willingness to help your colleagues and provide guidance has not gone unnoticed.

On behalf of the entire team at Sri Venkateswara Temple of North Carolina, I want to express our gratitude for your hard work and dedication. We look forward to your continued contributions and are excited about what the future holds with you as part of our team.

Thank you once again for your exceptional contributions. We look forward to achieving more successes together in the future.

Sincerely,

Sri Venkateswara Temple of North Carolina

Signature

Thank you

Suneel Kolluru
President
SVT of NC

SV Temple of NC
121 Balaji Place Cary NC 27513

President's Education Awards Program

presented to

Aarav Bogadapati

in recognition of

Outstanding Academic Excellence

2019

U.S. Secretary of Education

President of the United States

Mrs. Cassutto
Principal

Pleasant Valley
School

ACADEMIC ACHIEVEMENT

TIMOTHY EDWARDS MIDDLE SCHOOL

Aarav Bogadapati

is hereby officially recognized and congratulated for

Outstanding Performance

Dated at South Windsor, Connecticut

this 10th day of December 2019

Melissa Morgan-Hostetler
Melissa Morgan-Hostetler, Principal

David St. Jean
David St. Jean, Associate Principal

Jarrid Clifton
Jarrid Clifton, Associate Principal

PANTHER CREEK INTERCLUB COUNCIL

CERTIFICATE OF AUTHORIZATION

This certificate is presented to the...

Finance and Economics Club

to certify that this club is authorized to operate in the...

2023-2024 School Year

Provided the continued compliance with the ICC's Guidelines

Andrew Markham
Student Council Executive Advisor

Jean-Luis Gracia
Student Body Vice President

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coursera

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3 Courses

Jun 16, 2023

Aarav Bogadapati

has successfully completed the online, non-credit Professional Certificate

Google Business Intelligence

Amanda Brophy
Global Director of
Google Career
Certificates

Foundations of Business Intelligence

The Path to Insights: Data Models and Pipelines

Decisions, Decisions: Dashboards and Reports

Those who earn the Google Business Intelligence Certificate have completed three courses that include hands-on, practice-based assessments and are designed to prepare them for entry-level roles in business intelligence. They are competent in creating processes that transform data into actionable insights to inform business decisions, developing data visualizations, and building dashboards that employ design best practices to meet stakeholder needs.