Abhiroop Shome

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EDUCATION

SRM Institute of Science and Technology	Ramapuram, Chennai
Bachelor of Technlogy in Computer Science - 9.23 CGPA	*Jul. 2019 – Jun. 2023*

EXPERIENCE

Backend Intern	August 2022 – September 2022
Tyroo Technologies	*Gurugram, Haryana*

- Developed a Logging system for the Teams' AWS Server Backend using Flask, MongoDB, Python

Data Operations Intern	January 2023 – July 2023
ABInBev	*Bengaluru, Karanataka*

- Created an Enterprise-level Web-based Chatbot using Microsoft Bot Framework for Internal use among Employees which could fetch and summarize Job Status from various Databases and LakeHouses secured via OAuth Authentication. It was also capable of using NLP to match Text input to a set of pre-programmed responses and give an Output based on that.
- Developed an API Solution for Connecting various Data Sources across the Team and fetching from them in required environments. Built on Python using FastAPI
- Developed a Web and PowerBI Based Dashboard for the Departments' Github Organization that used the Github API to fetch and showcase Data on various Active Projects in a Grid-like fashion using Cards and displaying Graphs using Chart.js

PROJECTS

Sentimental Analysis using BERT | *Python, NLP, ML, Tensorflow*	January 2022 – June 2022

- Classifying Product Reviews into Positive or Negative using the BERT Model for Sentimental Analysis

Mass Folder Archiver | *Python, Automation, Compression*	August 2021

- A simple Python script to archive all subfolders in a folder in desired format.
- Uses the 'zipfile' module for the archiving process

GUI Frontend for Portrait Generation and Animation | *Web Server*	July 2021 - December 2021

- A GUI Based Frontend for a workflow designed to edit and animate human portraits.
- Uses StyleFlow for editing of Portraits and First-order Motion Model for the Animation process.

Open Source Multipurpose Discord Bot | *Python, Web Scraping, GraphQL*	December 2019 - August 2021

- An Open Source Chatbot made for Discord using the now deprecated discord.py library, a python based wrapper for Discord's Developer API.
- Currently has various commands built-in such as Moderation, Fetching Search results from various web services using GraphQL and Youtube's own Data API and scraping to search services such as Steam.

TECHNICAL SKILLS

Languages: Python, C/C++, MySQL, JavaScript, HTML/CSS, MongoDB, C#, Azure SQL
Frameworks: React, Node.js, Flask, WordPress, Microsoft Bot Framework, ADO.NET
Developer Tools: Git, Docker, Google Cloud Platform, VS Code, Visual Studio, PyCharm, Microsoft Azure, Microsoft IIS, Azure Databricks, Azure DataFactory, PowerAutomate
Libraries: pandas, NumPy, Matplotlib, pyMongo, pyODBC, FastAPI, Chart.js, Bootstrap
Other Skills: Adobe Photoshop, Adobe Premiere Pro, Powershell, MS Office, Linux, VMWare, Batch Scripting/Automation