

# SITHIJA DILSHAN

DATA ANALYTICS & AI/ML INTERN

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## SUMMARY

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I am a Motivated Data Science and Software Engineering undergraduate with strong skills in analytics, statistical modeling, machine learning, and data-driven problem solving, dashboard development, and software projects. I am skilled in Python, data tools, and cloud platforms, and eager to apply analytical thinking and technical expertise to real-world data challenges

## EDUCATION

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<b>Ananda College, Colombo 10</b>	<b>2022</b>
Advanced Level - Mathematics   English Medium	
<b>Sri Lanka Institute of Information Technology (SLIIT)</b>	<b>2023 - Present</b>
BSc (Hons) in Information Technology Specializing in Data Science (Undergraduate)	

## SKILLS & ABILITIES

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Programming Languages	Python, R, SQL, Hive SQL, Java, C++, JavaScript, PHP, HTML, CSS, Kotlin
Data Analytics Tools	Microsoft Excel, Power BI, DAX, Jupyter Notebook, Google Colab, RStudio
Databases	MySQL, Microsoft SQL Server, MongoDB
Cloud	Amazon AWS, Microsoft Azure
Software Engineering	Visual Studio Code, Visual Studio, IntelliJ IDEA, Android Studio, Git
Soft Skills	Leadership, Teamwork, Communication, Problem Solving

## ACADEMIC PROJECTS

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### Data Analysis:

#### **AdventureWorks Sales Analytics Dashboard – Microsoft Excel**

- Built an interactive Excel dashboard using PivotTables, Power Pivot, and slicers to analyze sales, profit trends, customer segments, and product performance.
- *GitHub: [Project Link](#)*

#### **Blinkit Sales Performance Dashboard – Power BI Project**

- Built an interactive Power BI dashboard for Blinkit analyzing key KPIs, sales trends, and outlet performance using DAX, Power Query, and advanced visualizations.
- *GitHub: [Project Link](#)*

## **Electric Vehicle Data Analysis – Tableau Project**

- Developed an interactive Tableau dashboard analyzing electric vehicle adoption, market share, and geographic trends using KPI-driven visualizations.
- *GitHub: [Project Link](#)*

## AI / ML Projects:

### **AGENTFLOW – Multi-Agent AI Group Project Organizer**

- Developed a multi-agent AI system for automated and fair task allocation using NLP and optimization techniques. Built agents for task planning, progress monitoring, deadline reminders and communication summarizer agent.
- **Technologies:** FastAPI, Python, NLP, Next.js, MongoDB
- *GitHub: [Project Link](#)*

## Data Science:

### **CrimeCast – Crime Arrest Prediction System**

- Developed ML system to predict crime arrests using Chicago crime data. Engineered temporal, spatial, and categorical features and handled class imbalance with SMOTE.
- **Technologies:** Python, Scikit-learn, XGBoost, Pandas, NumPy, FastAPI
- *GitHub: [Project Link](#)*

## Software Engineering:

### **Fitness Center Web Application (MERN Stack)**

- A full-featured web app built to manage gym memberships, personalized fitness tracking, virtual health consultations, e-pharmacy, inventory, finance, and more — all in one seamless platform.
- *GitHub: [Project Link](#)*

### **Online Music Store (Java - MVC Architecture)**

- Built an online music store using Java with MVC architecture. • Enabled user registration, admin management, secure premium plan purchases, and user feedback handling.
- *GitHub: [Project Link](#)*

## **REFERENCES**

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