



Akila S D

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 github.com/Akila-SD

PROFILE

A motivated and detail-oriented individual with a strong academic background and a commitment to professional growth. Eager to contribute effectively to a dynamic work environment through dedication, a collaborative mindset, and a positive approach to challenges. Adept at learning quickly and applying new knowledge to enhance productivity and deliver quality results.

EDUCATION

M. Sc Computer Science <i>Dr N G P Arts and Science College</i> CGPA - 7.6	2022 – 2024 Coimbatore, India
B. Sc Computer Technology <i>Dr N G P Arts and Science College</i> CGPA - 8.4	2019 – 2022 Coimbatore, India
High School <i>P S G G Kanya Gurukulam Hr Sec School</i> Percentage - 60%	2018 – 2019 Coimbatore, India
SSLC <i>P S G G Kanya Gurukulam Hr Sec School</i> Percentage - 92%	2016 – 2017 Coimbatore, India

TECHNICAL SKILLS

- Python
- Django
- MS Office
- HTML
- CSS
- JavaScript
- MySQL

COGNITIVE SKILLS

- | | |
|--------------------------|-------------------------|
| -Effective Communication | -Decision Making |
| -Problem Solving | -Strong work ethic |
| -Flexible and Adaptable | -Innovative and Inspire |

EXPERIENCE

Data Analytics and Visualization Job Simulations <i>Forage, Accenture</i> 1. Participated in a job simulation focused on data analytics and visualization techniques. 2. Developed and refined skills in data cleaning, analysis, and visualization using tools like Excel charts. 3. Completed real - world tasks including analyzing datasets, identifying trends, creating insightful dashboards. 4. Gained experience in applying data driven decision - making to business scenarios.	06/2023 – 10/2023
Web Application Developer Intern <i>Pantech E Learning</i> 1. Gained hands-on experience in developing and deploying web applications.	06/2021 – 06/2021

2. Worked with HTML, CSS, JavaScript and backend technologies to build responsive web interfaces.
3. Collaborated with a team to enhance user experience and optimize application performance.
4. Assisted in troubleshooting and debugging web applications, ensuring seamless functionality.

Python Full Stack

- Assisted in troubleshooting and debugging web applications, ensuring seamless functionality.
- Proficient in OOPS concepts such as classes, objects, encapsulation, inheritance, polymorphism, and abstraction.
- Understanding of python interfaces and abstract base classes to implement code reusability and maintainability.
- Strong knowledge of handling data structures like lists, tuples, and strings.
- Familiar with exception handling to manage runtime errors effectively.
- Proficient in using python packages like Numpy, Pandas and Matplotlib.

SQL

Good in Subqueries.

Good in Aggregate Functions in SQL.

Good in (Data Definition Language) DDL and (Data Manipulation Language) DML.

Understanding of Clauses in SQL (SELECT Clause, FROM Clause, GROUPBY Clause, HAVING Clause, WHERE Clause).

Good in Joins & Integrity Constraints.

Understanding Of Operators in SQL.

PUBLICATIONS

Digital Image Processing and Python for Acute Lymphoblastic Leukemia Detection using CNN Algorithm

17/04/2024

International Journal of Science and Research

The study focuses on utilizing Digital Image Processing techniques in conjunction with Python to enhance the detection of Acute Lymphoblastic Leukemia through a Convolutional Neural Network algorithm.

CERTIFICATES

Python Full Stack Course, Besant Technologies

present

Python for Machine Learning, Great Learning

06/2023

Data Structures & Algorithms in Python Fundamental Data Structures, Infosys Springboard

11/2022

PROJECTS

Library Management System Using Python Full Stack

Description:

Developed a Library Management System using Python, Django for the backend, and HTML, CSS, and JavaScript for the frontend also MySQL for Database. The system allows users to manage library resources efficiently, including functionalities for book issuance, return, and catalog management. Implemented user authentication, real-time search capabilities, and responsive design to ensure a seamless experience across devices. The project demonstrates proficiency in full-stack development, integrating backend logic with a user-friendly interface.

LANGUAGES

English



Tamil



Malayalam



DECLARATION

I hereby declare that all the information furnished above is true to the best of my knowledge.

Akila S D