Manikanta Lakku

[*lakkumanikanta18@gmail.com*](mailto:lakkumanikanta18@gmail.com)

*+91 6301828629*

# Professional Summary:

* Strong understanding of Python **syntax, data types, control flow,** and **functions**.
* Solid knowledge of OOP principles like **inheritance, encapsulation, abstraction**. and good knowledge in designing and implementing Python **classes** and **objects**.
* Proficient in implementing and optimizing **data structures** (e.g., lists, sets, tuples) using Python.
* Knowledge of Python testing frameworks like **PyTest** to write unit tests and ensure **code quality** and **reliability.**
* Knowledgeable in developing web applications using Python frameworks like **Django.**
* Actively engaged in learning new Python libraries, frameworks, and best practices through online tutorials, coding challenges, and community contributions.
* Proficient in writing complex SQL queries, including **SELECT, JOIN, UNION, GROUP BY, HAVING, ORDER BY, INSERT, UPDATE, DELETE**, and subqueries to manipulate and retrieve data from relational databases.
* Good knowledge in designing normalized database schemas, **creating tables, relationships, constraints (primary keys, foreign keys),** and indexes to ensure data integrity and optimize query performance.
* Strong understanding of JavaScript **fundamentals, including syntax, control structures, functions,** and **object-oriented programming (OOP)** principles with **Document Object Model (DOM).**
* Familiar with **HTML, CSS, JavaScript,** and frameworks like React. capable of building and maintaining **user-friendly interfaces**.
* Excellent communication, interpersonal, and analytical skills and a strong ability to perform as part of a team

# SKILLS:

**Programming Languages** **:** Python

**Web Technologies** **:** HTML, CSS, JAVASCRIPT, REACT.JS

**Frameworks** **:** Django

**Databases** **:** SQL, MYSQL

# PROJECTS:

**1.Voice Assistant Python Project:**

Voice Assistant project in Python teaches a computer to understand and respond to speech. You can use the Python programming language to create a program that Scan understand and answer questions or commands you give using your voice. With this project, you can use your voice to control your computer, play music, or search the internet.

**2.Student Database Management System:**

Create a database to manage student records for a school or university. The database should store information such as student IDs, names, courses, grades, and attendance records.

**3.Simple E-Commerce Product Page:**

Create a basic product page for an e-commerce site that showcases a single product with various details, including images, descriptions, and prices. The page should provide a visually appealing layout and user-friendly interface for customers.

# Interships :

**1.** **SkillDzire:**

My Python internship at SkillDzire was an amazing experience. I started by learning the basics of Python, but quickly moved on to more advanced topics like data structures and algorithms. They helped me build web applications. I got good knowledge in databases, using SQL.

**2.Firstman:**

A MEAN stack internship experience can provide valuable hands-on experience in developing web applications using MongoDB, Express, Angular, and Node.js. Assist in designing, developing, and deploying web applications using MEAN stack technologies.

# Academic:

* *2020-2024:* Swarnandhra Institute of Engineering and Technology, Bachelor of Technology, Electronics and Communication Engineering, CGPA: 6.5
* *2018-2020*: Aditya Junior College, Intermediate, Mathematics, Physics, Chemistry, 7.6
* *2017-2018:* Z.P. High School, Class X, CGPA: 6.7

# Personal Details:

**Father’s name** **:** Srinu lakku

**Date of birth** **:** 05/07/2003

**Gender**  **:** Male

**Language** **:** Telugu, English

**Nationality** **:** Indian

**Contact no** **:** +91-6301828629