



REVANTH JANJANAM

IIITDM KANCHEEPURAM (CHENNAI)

7095131021

www.linkedin.com/in/revanth-janjanam-167a471b5

revanthjanjanam0@gmail.com

<https://github.com/revantthjanjanam>

PROFESSIONAL SUMMARY

Computer Science graduate from **IIITDM Kancheepuram** with a strong interest in Data analytics and hands-on experience in **Python, MySQL, Excel, and Power BI**. Skilled in data analysis using Pandas, NumPy. Comfortable working with Jupyter Notebook and exploring datasets to extract insights. Currently learning Power BI to enhance data visualization capabilities. Backed by academic projects and relevant certifications, with a passion for learning and solving real-world problems.

EDUCATION

- Bachelor of Technology (B.Tech) in Computer Science - IIITDM Kancheepuram, Chennai, 2019 - 2024 | GPA: 7.29
- Intermediate - Sri Chaitanya, Vijayawada, 2017 - 2019 | GPA: 9.5
- High School - Sri Chaitanya, Vijayawada, 2017 | GPA: 10

TECHNICAL SKILLS

- Programming Languages: **Python**, C, C++
- Tools : Git, Linux, **PowerBI**, Flask
- Web Technologies: HTML, CSS, JavaScript
- Databases: **MySQL**, SQLite, SQLAlchemy
- Concepts: Data Structures & Algorithms, Object-Oriented Programming (OOP)

PROJECTS

Sanitary Pad Disposal Machine

Created a sanitary pad disposal machine using NodeMCU, temperature sensor, relay, and nichrome wire for safe and efficient incineration of sanitary waste. Developed and implemented IoT solutions using Arduino IDE and NodeMCU to control and optimize incineration processes.

Tech Stack: Arduino IDE, C++, DS18B20 sensor, IoT

Birthday Reminder Application

Built a Flask-based web app to manage birthday reminders. Displays today's and upcoming birthdays with an option to send WhatsApp messages. Integrated WhatsApp API for automated birthday wishes.

Tech Stack: Python, Flask, SQLAlchemy, Bootstrap, SQLite

Flask Notes Application

Developed a note management web app with user authentication. Features include adding, deleting, and managing notes with real-time feedback using flash messages. Integrated Power BI dashboards to visualize user activity metrics

Tech Stack: Python, Flask, SQLite, Bootstrap, PowerBi.

Website for Mall - Admin/Creator

Built the GUI for a mall administration website with HTML, CSS, and JavaScript. Implemented database functionalities using MySQL for data management. Embedded Power BI reports into the admin panel to monitor site traffic, user interactions, and popular product views in real time using Azure Power BI .

Tech Stack: HTML, CSS, JavaScript, MySQL, PowerBi.

Eye Blink Password System with OTP Validation

Developed a gesture-based authentication system using different eye blink patterns as an alternative to traditional methods. Applied Haar cascades to detect and differentiate left and right eyes. Captured user images and sent them with OTPs via email alerts for added security.

Tech Stack: Python, OpenCV

CERTIFICATIONS

- Python certification from nptel
- PowerBi and SQL (currently learning)

EXTRACURRICULAR ACTIVITIES

- Teaching Volunteer at VIDHAI, a non-profit initiative by IIITDM students.
- Hosted Annual Day at school.
- Cricket Team Member at Howzat-2022.
- Publicity Team Member for Samgatha 2022 cultural fest.