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EDUCATION

Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering College   *october 2021 - March 2025*
Bachelor of Engineering in Computer Science and Engineering
CGPA:6.54 / 10

CAREER OBJECTIVE

Motivated Data Science graduate with a strong foundation in Python, machine learning, and data analysis. Eager to apply academic knowledge and project experience to solve real-world business problems in an entry-level data role.

SKILLS SUMMARY

- **Languages:** Python, SQL
- **Libraries & Tools:** Pandas, NumPy, Matplotlib, Seaborn, PyAutoGUI
- **Databases:** MySQL / SQL
- **Platforms:** Jupyter Notebook, GitHub
- **Core Skills:** Data Analysis, Exploratory Data Analysis (EDA), Data Visualization, Speech Recognition

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PROJECTS

Library Management System

2024

- *Technologies:* Python, Tkinter, RFID
- Developed a GUI-based library management system using Python and Tkinter.
- Implemented RFID-based book issuing and returning functionality.
- Managed book records and librarian access controls.

Vocal Scriber

2024

- *Technologies:* Python, SpeechRecognition, pyttsx3, PyAutoGUI
- Built a speech-to-text application supporting Tamil and English.
- Designed to assist physically challenged students with easy text input.
- Automated text typing using PyAutoGUI for real-time usage.

Airline Delay Analysis in Python

2025

- *Technologies:* Python, Pandas, NumPy, Matplotlib, Seaborn using Jupyter notebook
- Performed data cleaning and exploratory data analysis on airline delay datasets.
- Visualized delay patterns and trends to extract actionable insights.

CERTIFICATIONS / TRAINING

Data Science using Machine Learning and Python   2025
Fita Academy

- Gained hands-on experience in data cleaning, preprocessing, and exploratory data analysis (EDA) using Python.
- Worked with Pandas, NumPy, Matplotlib, and Seaborn to analyze datasets and visualize insights.
- Implemented supervised machine learning algorithms including Linear Regression, Logistic Regression, Decision Tree, and Random Forest.
- Evaluated models using accuracy, precision, recall, and F1-score metrics

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ACHIEVEMENTS

Smart India Hackathon (SIH) 2024 – Shortlisted under Smart Education category.
INO Masters, Vel Tech University – 1st Place for *Vocal Scriber* project, ₹15,000 cash prize.
CYNAPSE 2K24, RMK Engineering College – 2nd Place in Paper Showcase Event.