

SANJU P G

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OBJECTIVE:

Enthusiastic and driven B Tech student specializing in Artificial Intelligence and Data Science, with a strong foundation in machine learning, data analytics, and problem-solving, eager to apply technical skills to real-world challenges.

EDUCATIONAL QUALIFICATION:

B.Tech – Artificial Intelligence and Data Science – 8.30

2022-2026

V.S.B College of Engineering Technical Campus, Anna University

TECHNICAL SKILLS:

Programming: Python, Java, HTML

Libraries / Frameworks: Pandas, NumPy, Matplotlib

Tools: Tableau, Power BI, VS Code

PROJECT:

Transaction Fraud Detection Model (Machine Learning Fraud Detection System)

Tech Stack: Python, Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, Jupyter Notebook

- Developed a **machine learning-based fraud detection system** to identify fraudulent financial transactions using supervised classification algorithms.
- Performed **data preprocessing, exploratory data analysis (EDA), and feature engineering** on large transaction datasets containing transaction type, amount, and account balance features.
- Trained and evaluated multiple classifiers, selecting the best-performing model using metrics such as **accuracy, precision, recall, and F1-score**.

CargoTrack – Cargo Booking and Management System

Tech Stack: Python, Django, SQLite, HTML

- Designed and developed a web-based logistics management system enabling seamless cargo booking, tracking, and administration.
- Implemented role-based access control with dynamic dashboards for customers and administrators.
- Automated booking and tracking workflows, enhancing operational efficiency by 50% and minimizing manual entry errors by 70

INTERNSHIP:

M Squared Software & Services Pvt. Ltd., Thiruvananthapuram

Internship Duration: 19/08/2024 – 06/09/2024

- Completed a 3-week internship focused on **Android app development**.
- Gained hands-on experience in designing, developing, and testing mobile applications.
- Worked on real-world projects, enhancing **coding efficiency** and **problem-solving skills**. □ Received **appreciation for excellent performance** during the internship

CERTIFICATE COURSES:

Python - CSC Training [August 2022]

Java - Training [December 2024]

Oracle Cloud Foundation Associative Certification