

# Aadarsh Chandrakumar Jiji Rani

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Confident Floris, Opp. St. Marys Central School, Mudavanmughal P.O., Poojapura,  
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## Summary

Aspiring Data Scientist with a strong foundation in Python, Machine Learning, and Data Analysis. Currently pursuing a professional Data Science program with hands-on projects. Skilled in technical problem-solving, communication, and working in cross-functional environments.

## Work Experience

### Machine Operator

October 2021 – October 2022

*Dinair Filton, Olaine, Latvia*

- Operated CNC machines and performed quality checks in the production process.
- Demonstrated strong problem-solving skills in handling technical machine issues.

## Education

### Bachelor's in Aviation Transport

January 2016 – July 2020

*Transport and Telecommunication Institute, Riga, Latvia*

Courses: Aircraft Maintenance, Aerodynamics, Flight Dynamics, Quality Control

## Certifications

### Data Science Professional Training – ICT Academy (Ongoing, Expected Completion: July 2025)

Topics: Data Analysis, Machine Learning, Python Programming, Statistics, Data Visualization

### LinkedIn Learning Certificates

Completed courses in Python, Cloud Computing, and Data Science.

**View:** [Google Drive Folder Link](#)

## Skills

**Technical:** Python (Advanced), Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, Selenium, Jupyter Notebook, HTML, CSS, MS Word, Excel

**Soft Skills:** Critical Thinking, Communication, Team Leadership, Customer Service

**Languages:** English (Fluent), Malayalam (Fluent), German (A2)

## Projects

### Online Course Review Analyzer & Recommendation Engine

*ICT Academy of Kerala*

June 2025 – July 2025

GitHub: [github.com/Adhu316/Project-Coursera](https://github.com/Adhu316/Project-Coursera)

- Built a GenAI-based personalized learning path recommender.
- Responsible for data collection, feature engineering, and model development using Python and Flask.

### Customer Churn Prediction

*ICT Academy of Kerala*

May 2025

GitHub: [github.com/Adhu316/Project-CustomerChurn-1](https://github.com/Adhu316/Project-CustomerChurn-1)

- Predicted churn for an e-commerce platform using ML models.
- Implemented data cleaning, feature selection, logistic regression, and decision trees.

### **Failure Analysis of a Nose Landing Gear Fork**

*Transport and Telecommunication Institute*

Dec 2019 – June 2020

- Conducted finite element analysis to evaluate structural stress.
- Proposed design improvements based on stress concentration findings.

### **Interests**

Cricket, Swimming, Music, Exploring AI websites