

Aadarsh Chandrakumar Jiji Rani

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

I'm an aspiring IT professional with a background in aviation engineering, recently transitioned into data science. I've completed a hands-on training program where I worked on real projects using Python, machine learning, and AI tools. I enjoy solving problems, learning new technologies, and working with others to build useful solutions.

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 (Completed, 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, Model Building, 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 (Internship)

ICT Academy of Kerala

June 2025 – July 2025

GitHub: 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

- 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

GitHub: [github.com/Adhu316/Failure analysis of landing gear fork-](https://github.com/Adhu316/Failure%20analysis%20of%20landing%20gear%20fork-)

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

Interests

Cricket, Swimming, Music, Exploring AI websites