# ANUSREE K

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## SUMMARY

MCA graduate specializing in Data Science, Machine Learning, and Python Development with expertise in ERPNext customization, API integration, and end-to-end ML model development. Skilled in data preprocessing, model deployment, and visualization to drive data-based decisions. Seeking to leverage technical expertise in the IT field to deliver impactful solutions.

## WORK EXPERIENCE

**Python ERPNext Intern - Faircode Technologies**                     **Mar 2025 – May 2025**

- Designed, developed, and customized ERPNext modules using Python and Frappe Framework.
- Built and integrated REST APIs to enhance ERP application functionality.
- Automated workflows, improving operational efficiency and reducing manual processing time.

**Data Science Intern - Luminar Technolab**                     **Sep 2022 – Apr 2023**

- Performed data cleaning, transformation, and feature engineering using Pandas and NumPy.
- Applied machine learning and deep learning models (Regression, Classification, CNN, YOLO) for predictive analytics.
- Created dashboards and data visualizations using Matplotlib and Seaborn to communicate insights effectively.

## EDUCATION

**Master of Computer Applications (MCA)**                     **2023 – 2025**

Dept. of Information Technology, Kannur University

**Bachelor of Science (B.Sc) in Mathematics**                     **2019 – 2022**

Zamorin's Guruvayurappan College, University of Calicut

## PROJECTS

**Zomato Rating Prediction**

- Developed ML regression models (Linear Regression, Random Forest, Gradient Boosting) to predict restaurant ratings.
- Used Python, Pandas, Scikit-learn, and Matplotlib for analysis, achieving high prediction accuracy.

**Traffic Light Detection & Color Recognition App**

- Built a mobile application for color-blind accessibility using Flutter, Flask, YOLO, and CNN.
- Implemented real-time object detection and audio feedback to identify traffic light colors.

## SKILLS

**Languages:** Python, Java, C, JavaScript, HTML, CSS
**Databases:** MySQL
**Data Analysis & Visualization:** Pandas, NumPy, Matplotlib, Seaborn
**Machine Learning & AI:** Machine Learning, Deep Learning, NLP
**Frameworks & Tools:** ERPNext, Frappe, OpenCV

## CERTIFICATIONS

NACTET Certification — Big Data Analytics and Data Science