

# ATHULKRISHNA KS

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## Professional Summary

Enthusiastic and detail-oriented AI/ML Developer with strong foundations in Python, Machine Learning, and Full-Stack Web Development. Experienced in building end-to-end ML models, AI-powered applications, and data-driven web platforms. Skilled in data preprocessing, feature engineering, and model evaluation with exposure to popular ML tools and frameworks. Passionate about applying AI solutions to real-world problems and continuously learning new technologies.

## Education

Master of Computer Applications (MCA)

LEAD College of Management (Autonomous) – University of Calicut | 2024 – Present

Bachelor of Computer Applications (BCA)

University of Calicut | 2021 – 2024

## Technical Skills

- Programming Languages: Python, JavaScript, HTML, CSS
- Frameworks & Libraries: Django, Flutter, NumPy, Pandas, Scikit-learn, Matplotlib
- Databases: SQLite3, MySQL
- Machine Learning: Regression, Classification, Recommendation Systems, Model Evaluation (Accuracy, Precision, Recall,  $R^2$ )
- Tools & Platforms: GitHub, Linux, Visual Studio Code, GenAI
- Core Areas: Web Development, Data Preprocessing, API Integration, AI/ML Applications

## Projects & Internship Experience

- Machine Learning Intern – Cognifyz Technologies (Mar 2025 – Apr 2025)
  - Built ML models for restaurant rating prediction (regression) and cuisine classification (classification algorithms).
  - Designed a restaurant recommendation system using content-based filtering.
  - Conducted geographical analysis of restaurant datasets for location-based insights.
  - Applied data preprocessing, feature engineering, and model evaluation techniques.

- **Comic Creations – AI Storytelling Platform**

- Developed an AI-powered web application that generates personalized comics for children with special needs.
- Integrated Claude AI, Dashtoon, Fotor, and Microsoft Designer for story creation and visuals.
- Built an interactive HTML-based virtual book with accessibility features to promote inclusive learning.

- **Tour on Budget – Travel Planning & Guidance Website**

Technologies: Python, Django, HTML, CSS, JavaScript, SQLite3

- Developed a full-stack travel planning website to help users organize budget-friendly tours.
- Implemented destination search, trip suggestions, cost estimation, and user reviews.
- Integrated authentication system, admin panel, and responsive UI for enhanced user experience.

## **Certifications**

- Machine Learning Internship – Cognifyz Technologies (2025)
- Career Essentials in Data Analysis – Microsoft & LinkedIn Learning (2025)
- Ethics in the Age of Generative AI – LinkedIn Learning (2025)

## **Languages**

- English (Fluent)
- Malayalam (Native)
- Tamil (Intermediate)