

# ATHULKRISHNA KS

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## Professional Summary

Motivated and detail-oriented Python Developer & Machine Learning Enthusiast with a strong foundation in web development, data analysis, and AI applications. Experienced in building full-stack applications, ML models, and AI-driven platforms with practical exposure through projects and internships. Skilled in problem-solving, team collaboration, and adapting to new technologies to deliver impactful solutions.

## 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, NumPy, Pandas, Scikit-learn
- Databases: SQLite3, MySQL
- Tools & Platforms: GitHub, Linux, Visual Studio Code, GenAI
- Core Areas: Machine Learning, API Integration, Web Development, Data Analysis, Model Evaluation

## Projects

- Tour on Budget – Travel Planning and Guidance Website

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

- Built a full-stack responsive travel website to help users plan budget-friendly tours.
- Implemented destination search, cost estimation, user reviews, and trip suggestions.
- Developed authentication system, admin panel, and dynamic content management.

- Comic Creations – AI Storytelling Platform
  - Designed an AI-powered web app to create personalized comics for children with special needs.
  - Integrated Claude AI, Dashtoon, Fotor, Microsoft Designer for story generation and visuals.
  - Developed an interactive HTML-based virtual book with accessibility features.

## **Internship Experience**

- Machine Learning Intern – Cognifyz Technologies (March 2025 – April 2025)
  - Built ML models for restaurant rating prediction (regression) and cuisine classification (classification algorithms).
  - Developed a restaurant recommendation system using content-based filtering.
  - Performed data preprocessing, feature engineering, and geographical dataset analysis.
  - Evaluated models using accuracy, precision, recall, and R<sup>2</sup> metrics.

## **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)