

KARTHIK UNNIKRISHNAN

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EDUCATION

Nirmala College (Affiliated to MG University)
Integrated MSc. Computer Science & Data Science

Muvattupuzha, India
September 2022 - Present

SKILLS SUMMARY

- Languages: C, C++, Python, JAVA, R, HTML, CSS, JavaScript, Kotlin
- Frameworks: Pandas, Numpy, Scikit-Learn, Matplotlib, Django
- Tools: Excel, PowerPoint, MySQL, SQLite, Postgres
- Platforms: Visual Studio Code, PyCharm, Jupyter Notebook, IntelliJ IDEA, Android Studio
- Soft Skills: Communication, People Management, Decision Making

PROJECTS

Student Dropout Prediction | [LINK](#)

- Achieved an 86% accuracy rate in forecasting student dropout prediction by developing and deploying a machine learning model.
- Managed data integrity by handling missing values and splitting the dataset into two parties: 80% for training and 20% for testing
- Conducted experiments with both classification and regression algorithms to identify the most suitable approach

Course Recommendation System | [LINK](#)

- Designed and implemented a personalised course recommendation system using content-based filtering to match student profiles with relevant Coursera courses.
- Filtered and excluded already enrolled courses from recommendations to avoid redundancy and improve relevance.
- Used Python libraries such as Pandas and RE to manipulate data and efficiently implement text-based pattern filtering.

CERTIFICATES

Internship Certificate Program in Python + Django | [CERTIFICATE](#)

May 2024

- Gaining hands-on experience in backend web development.
- Developed and deployed dynamic web applications using the Django framework

Data Analytics Job Simulation | [CERTIFICATE](#)

May 2025

- Performing hands-on tasks in data analysis and forensic technology.
- Analysed datasets and applied forensic techniques to identify patterns, inconsistencies, and business insights.

Creating Own Generative AI Model | [CERTIFICATE](#)

April 2024

- Gained proficiency in prompt engineering by experimenting with various AI models for text, image, and code generation.