# MANIKANDAN M

STUDENT

mmanikandan281@gmail.com
Kodaikkattil nair veedu pilapully
paruthipully palakkad 678573
Github  LInkedin  Kaggle  Hackerrank
+919544937059

## SUMMARY

Master of computer application student i consider myself as a responsible and orderly person I am looking forward for my first work experience. I will soon graduate with a master's in Computer Applications from Lead college of management in Palakkad .And I also done an additional courses in Python, Artificial Intelligence and have had multiple opportunities to put my knowledge into practice during my years in college.

## INTERNSHIP

**March 2025 – April 2025**

### COGNIFYZ TECHNOLOGIES
**Machine Learning Intern**

At Cognifyz, I actively contributed to machine learning projects—handling everything from data preprocessing to building and evaluating predictive models. I enjoyed diving deep into Python and ML libraries like scikit-learn, constantly learning and adapting to new challenges. This role sharpened my problem-solving skills, improved my communication, and fueled my passion for applying machine learning to real-world scenarios.

## OBJECTIVES

Seeking a challenging position in a reputed organization where I can learn new skills, expand my knowledge, and leverage my learnings

## EDUCATION

**August 2021 – April 2024**

### UNIVERSITY OF CALICUT
Completed Bachelor of computer application from sadanam kumaran college
Percentage – 84.4%

**July 2019 – March 2021**

### HIGHER SECONDARY EDUCATION
Completed higher secondary education from KANNADI HSS palakkad
Branch–Computer Science
Percentage – 89%

**June 2018 – March 2019**

### SSLC
Completed SSLC education from Bhavans Vidhya Mandir chithali
Percentage – 69%

## SKILLS

**SOFT SKILLS**

- Communication Skills
- Fast Learner
- Time Management
- Critical Thinking
- Collaboration
- Flexibility
- Adaptability

| Skills And Also Used | • Python • Jupyter Notebook • Scikit-learn • SQL • Machine Learning • Opencv • Seaborn • TensorFlow • Numpy • Pandas • Mathplotlib l |
|---|---|

## CERTIFICATES

| June 2023 | **PYTHON BASICS** |
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| | Certificate from Zanx |

| December 2022 | **INTRO TO MACHINE LEARNING** |
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| | Certificate from Kaggle |

| December 2022 | **PYTHON PROGRAMMING** |
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| | Certificate from Kaggle |

| December 2022 | **PANDAS** |
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| | Certificate from Kaggle |

## PROJECTS

### FAKE NEWS DETECTION

Developed a Fake News Detection system using NLP techniques to classify news articles as Fake or Real. Implemented machine learning algorithms with text vectorization methods to process and analyze datasets, achieving accurate classification of news authenticity.

### RESTAURANT RECOMMENDATION

Built a Restaurant Recommendation System with content-based filtering for personalized dining suggestions. Analyzed user preferences like cuisine, price, and location to deliver accurate recommendations. Improved user experience with tailored restaurant options.

### RESUME RANKER BASED ON JOB DESCRIPTION

Developed a cutting-edge Resume Ranking System using NLP and Random Forest Regressor to score resumes against job descriptions. Extracted key features for precise candidate-job alignment, streamlining recruitment with accurate, data-driven assessments.

### FIRE DETECTION

AI-based Fire Detection System: Developed Python project using deep learning (Keras, TensorFlow) and image processing (OpenCV) to detect fire in images. Trained CNN on fire and no-fire dataset, enhancing traditional fire detection systems

### INTELLIGENT POTHOOLE DETECTION SYSTEM

Intelligent Pothole Detection System: Utilizes computer vision and machine learning for real-time pothole detection via webcams. Provides efficient and cost-effective monitoring, aiding timely road repairs through cloud-based reporting for government agencies

### DECLARATION

I hereby declare that the facts given above are genuine to the best of my knowledge and belief.