

Malavika Unnikrishnan

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Malavika-Unnikrishnan |

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Personal Profile

B.Tech student in Computer Science and Artificial Intelligence with practical experience in software development and machine learning, fueled by a strong passion for AI and cutting-edge technologies.

Professional Experience

TinkerHub Foundation

Campus Community Intern

- Led documentation efforts and provided support to elevate chapter performance.
- Ensured seamless communication between campus chapters and the foundation.

Kochi, Kerala
Sept 2023 - June 2024

Young Innovators Program

Intern

- Led engaging sessions on YIP's benefits, increasing student interest and participation.
- Established key partnerships with student organizations, expanding YIP's reach.

Kochi, Kerala
June 2023 - July 2023

Niswarth The Selfless|NGO

Social Media Analyst & coordinator

- Led a 10+ member team and created content and strategies that elevated the NGO's social media presence.
- Data analytical reports specific to platforms

Remote
Oct 2022 - March 2023

Achievements

Best Paper Award at ETIS 2025 Conference (KTU) for "Designing Assistive Smart Glasses for Sudden Vision Loss"

First Runner-Up, Srishti 2025 National Level Project Exhibition

University Projects

SMARTSIGHT-AI Powered Assistive Glasses

Muthoot Institute of Technology and Science

- Utilizes AI and machine learning techniques to assist blind individuals in their daily lives.
- Key features include scene analysis, face detection, navigation, optical character recognition and social media integration.

Kochi, Kerala
July 2024 - Present

Fire Detection and Smart Evacuation

Muthoot Institute of Technology and Science

- Utilized machine learning for fire detection from CCTV feeds, enabling prompt alerts with clear instructions for occupants.
- Guide occupants to safety using interactive maps with real-time path finding algorithms.

Kochi, Kerala
Feb 2024 - May 2024

Personal Projects

- AI -Podcast Generator website
- Sign Language detection System
- Spam Detection Bot using Machine Learning

Education

Muthoot Institue Of Technology And Science

Btech in Computer Science and Artificial Intelligence

- Graduation year 2025

Kochi, Kerala
Sept 2021 - Current

Govt HSS Mulanthuruthy

Higher secondary

- Graduated with Distinction (90.6%) in Physics, Chemistry, Maths with Biology

Kochi, Kerala
2017-2019

Vivekananda Public School

High School

- Passed with Distinction(92%)

Kochi, Kerala
2016 - 2017

Skills

Technical HTML/CSS, Python, Machine Learning, SQL.
Certification Cambridge Business English Certificate