

MUHAMMED FARSAN K S

farsanncas@gmail.com | +91 8111825654 | linkedin.com/in/farsanks

PROFESSIONAL SUMMARY

Experienced Python Full Stack Developer, Robotics Trainer, and Machine Learning Specialist with a strong background in data analysis. Adept at developing and implementing innovative software solutions, training individuals in robotics, and leveraging machine learning techniques to derive actionable insights from complex datasets. Proven ability to lead projects, collaborate with cross-functional teams, and deliver high-quality results in dynamic environments.

WORK EXPERIENCE

Trainer : G-TEC COMPUTER EDUCATION

October 2023 – June 2024

- Taught and guided students in computer-related subjects, focusing on skill development and industry certification preparation.
- Trained 200+ students with a 90% pass rate in certification exams, earning consistently positive feedback for teaching.

Internship : ICT ACADEMY [CYBER PARK, KERALA]

April 2024 – May 2024

- **Role** : Led a team in developing an innovative project in AI and robotics.
- **Project** : Created a smart RC car that detects gas, temperature, humidity, and water levels, offering real-time feedback for environmental monitoring and decision-making.
- **Tech Stack** : Arduino IDE, Python, PyCharm, OpenCV, and various sensors

EDUCATION

BCA with AI & Robotics [DISTINCTION]

June 2021 – May 2024

NILGIRI COLLEGE OF ARTS & SCIENCE

WOHSS PINANGODE

June 2016 – March 2021

[10th: FULL A+] & [PLUS TWO: SCIENCE, PERCENTAGE:80%]

SKILLS

- Python
- Django Flask
- MySQL
- REST API
- PyCharm
- MS Office
- Arduino ide

PROJECTS

Elbow Track LED Control

January 2024 – April 2024

- Led the design and implementation of a computer vision-based interactive system controlling LED colors based on elbow angle detection.
- Achieved real-time angle detection with 95% accuracy and dynamic LED response within 200 ms, enhancing user interaction and feedback.

Student Automation System

June 2023 – December 2024

- Developed a GUI-based system for managing student records, streamlining data entry and retrieval for educational institutions by using Python and MySQL
- Enhanced data accuracy and reduced manual workload by automating student information management, achieving a 30% efficiency improvement in administrative tasks.

POSITIONS OF RESPONSIBILITY

- Team Leader [Non-Curricular Activities & projects], BCA, Nilgiri College of Arts and Science, Thaloor
- Technical Lead and Developer [during internship], ICT Academy, Calicut

CERTIFICATIONS

Diploma in AI and Robotics, Lincoln University College [Malaysia]

July 2023 – March 2024

AI and Robotics Add-On Certificate – ICT Academy, Kerala

August 2021 – April 2024

ACHIEVEMENTS/AWARDS

- Awarded for Outstanding Academic Performance across 10th,12th and BCA programs
- Won multiple hackathon coding competitions conducted by various colleges.