FAIZA

AI ENGINEER

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ABOUT ME

Motivated final-year B.Tech student specializing in AI & Robotics. Strong foundation in machine learning, deep learning, computer vision, and generative AI. Passionate about building intelligent solutions and applying modern AI techniques to solve real-world problems.

Resourceful team player with experience with common software applications and social media platforms. Well-versed in business organization and strategies for successfully modernizing workplaces. Skilled at project support with proven history of solutions-oriented problem-solving.

INTERNSHIPS

STEM Robotics Internationals   06/2025 – 07/2025
Robotics Engineer Intern
- Worked with autonomous robots using Arduino/Raspberry Pi. Built computer vision models using TensorFlow & OpenCV.
- Gained valuable experience working within a specific industry, applying learned concepts directly into relevant work situations.
- Analyzed problems and worked with teams to develop solutions.
- Contributed to a positive team environment by collaborating with fellow interns on group projects and presentations.
- Developed organizational skills through managing multiple tasks simultaneously while adhering to strict deadlines.

EDUCATION

Bachelor of Technology (B.Tech) - Artificial Intelligence & Data Science   2022 – 2026
Royal College of Engineering and Technology, Kerala
— Final Year

Higher Secondary Education — Biology Science
Parudur Higher Secondary School, Pallipuram

TECHNICAL SKILLS

- AI, ML, Deep Learning
- Python, C, Java
- Arduino, Raspberry Pi
- Git/GitHub

- NLP
- TensorFlow, Keras, PyTorch, OpenCV, Scikit-learn
- VS Code

- Generative AI, LLMs, Computer Vision
- Pandas, NumPy, Matplotlib
- Jupyter Notebook

LANGUAGES

English   ● ● ● ● ●   Malayalam   ● ● ● ● ●
Tamil   ● ● ● ● ●

PROJECTS

Hand Tracking at 30FPS   2024
Implemented gesture tracking using MediaPipe + OpenCV.

AI-Powered Child Safety Surveillance   2025
Developed CNN-based unsafe activity detection for CCTV monitoring.

AI-Driven Social Robot for Elderly Care   2025
Built conversational robot using LLM APIs for assistance and emotional support.

CERTIFICATIONS

- Microsoft Certificate: Fundamental AI Concepts
- Google data analytics professional certificate

- Microsoft Certificate: Fundamentals of Machine Learning
- Foundation of digital marketing and E-commerce

- AI Workshop Participation Certificate – SRAI Smart Solutions Pvt Ltd
- AI & Robotics Internship Certificate

SOFT SKILLS

- Problem Solving
- Creativity
- Adaptability
- Time Management

- Critical Thinking
- Teamwork
- Communication Skills
- Responsibility