Aleena Mariya Rajan

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📍 Idukki,Kerala

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🎓 EDUCATION

Master of Computer Applications
Mar Baselious Institute of Technology and Science
SGPA: 7.27

BSc Computer Science
Sahyajyothi Arts and Science College, Kumily
CGPA: 6.3

PLUS TWO
Higher Secondary School,Amaravathy
62.83

SSLC
Mary Matha Public (CBSE)School, Kumily

📁 PROJECTS

IMAGE COLORIZATION
Developed an AI-based image colorization model that converts black-and-white images into realistic colored versions using deep learning techniques.
Technologies : Python, TensorFlow, GAN, CNNs and Flask

🪪 PROFILE

Dedicated and adaptable professional with strong analytical, problem-solving, and communication skills. A quick learner with a keen eye for detail, I am eager to apply my technical knowledge and customer-oriented mindset in a dynamic work environment. Passionate about efficiency and innovation, I thrive in collaborative settings and am committed to continuous learning and professional growth. Ready to take on new challenges and contribute effectively to any role I undertake.

🌐 LANGUAGES

English

Malayalam

Tamil

📇 CERTIFICATES

- - Innovating with Google Cloud AI

- - Ethical Hacking 101: Beginner's Guide to Ethical Hacking

📚 COURSES

MOOC Course
Completed online Mooc course - NPTEL(Privacy and Securityin online social media)

🏠 INTERNSHIP

Right Soft Options , Kaloor
Completed a Flutter development internship where I built and optimized cross-platform mobile applications using Dart.

Cognifyz Technologies

Completed a Data Science internship (remote) at Cognifyz Technologies! This experience enhanced my skills in data preprocessing, visualization, model building.

FACE MASK DETECTION

Developed a face mask detection system using deep learning models to identify masked and unmasked faces in real-time. Utilized CNNs for image classification and optimized the model for high accuracy and performance.
Technologies: Python,Tensorflow,Flask

CAREER GUIDANCE

Developed a career guidance website to help users choose courses by analyzing their test responses across various categories. The platform recommends courses based on focus areas and allows users to search for courses. Colleges can register, but admin approval is required before they can update details and manage profiles.
Technologies:
Python,MySQL,HTML,CSS,Bootstrap

📖 PUBLICATIONS

Aleena Mariya Rajan, Binoj B Chandran, Nissam S, Manasi S
AI-Powered Pneumonia Detection from Chest X-Rays – Web-Based CNN Application Developed a web- based application using Convolutional Neural Networks (CNNs) to detect pneumonia from chest X-ray images, improving diagnostic accuracy and efficiency. Integrated the model with Flask for seamless deployment, leveraging Python, TensorFlow/Keras, and web technologies to provide real-time analysis and support early detection.

🧠 TECHNICAL SKILLS

Programming Skills
Python
Java

Web Development
HTML
CSS
Flask

DataBase Management
MySQL

Tools
Github

AI/ML
Deep Learning
Tensorflow
GANs
CNNs

🧩 SOFT SKILLS

Communication
Can speak English, Malayalam, and Tamil which helps in talking with people from different backgrounds.

Time Management
Able to manage time effectively to complete tasks within deadlines.

Research Skills
Skilled in reading documentation and applying best practices to solve problems.

Other Skills
- **Self-Learner** – Able to quickly grasp new concepts and technologies independently.
- **Friendly** – Builds positive relationships and works well in a team.
- **Good Listener** – Pays attention to details and understands others' perspectives effectively.