

RISHIAKASH MARIMUTHU

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CAREER OBJECTIVE

As a Final-year Computer Science student with strong skills in **Software Development, and Full-Stack Engineering**. Proficient in Python, React, Django, SQL, and Docker, with hands-on experience building scalable applications. Known for clean coding practices, quick learning ability, and strong problem-solving mindset. Seeking an opportunity to begin my career as a **Software Developer** and contribute to high-quality engineering work.

INTERNSHIP EXPERIENCE Edify Techno Solutions - Artificial Intelligence-Machine Learning June 2024 – July 2024

Gained practical exposure to machine learning workflows, data preprocessing, and model-building fundamentals.

SKILLS

Professional Skills

- Programming Languages: Python, SQL
- Web Technologies: HTML, CSS, JavaScript
- Tools: Canva,Figma,Docker and GitHub

Soft Skills

- Problem Solving
- Leadership
- Time Management

PROJECTS

Ongoing-2025

Skinalyze – AI Skin Analysis System

Frontend: React JS, CSS | Backend: Django REST, TensorFlow, OpenCV

- Built an AI-driven skin analysis system detecting skin type & facial issues using custom CNN models.
- Implemented Grad-CAM heatmaps for explainable AI and built modern React interface for explainable results.
- Developed Django REST APIs for predictions & report generation, with ongoing improvements for accuracy and recommendations.

Employee Management System

Frontend:HTML,CSS, JavaScript | Backend: FastAPI, PostgreSQL, Docker April-2025

- Developed a full-stack role-based employee & project management system with secure authentication and CRUD operations
- Built RESTful FastAPI endpoints, PostgreSQL models with SQLAlchemy, and containerized services using Docker for seamless deployment.

My Food App

Frontend:Bootstrap | Backend:React JS

JULY-2025

- Designed an AI-powered food recommendation app using Groq AI based on user mood and location.
- Delivered a clean, responsive interface with instant links for ordering recommended meals.

CERTIFICATIONS

- Full Stack development() – NoviTech.

ACHIEVEMENTS

- Cricket - Playing Under for Thiruvarur District Cricket Association(TDCA)
- Anna University Zone - III Position

LANGUAGES KNOWN

- Tamil
- English

EDUCATION

Jerusalem College Of Engineering

2022-2026

B.E(Computer Science Engineering) - CGPA -7.5

Chennai,Tamilnadu

Laurel Higher Secondary School

2020-2022

Higher Secondary School(State Board) -Percentage -77.3

Thanjavur,Tamilnadu

St Antony's Higher Secondary School

2019-2020

SSLC(State Board)-percentage -61.4

Thiruvarur,Tamilnadu