

ATHUL RENJAN

Graduated- ComputerScienceEngineering(Artificial Intelligence)
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Summary

AI professional with expertise in AI systems development and digital marketing, demonstrating competencies in Python, Java, and SQL. My key achievements include the creation of a face mask detection system with 94% accuracy using Convolutional Neural Networks, and the development of an intelligent email bot integrating Gemini LLM for data automation. Seeking a Machine Learning Engineer position, where I can contribute my AI systems development and digital marketing skills to support their mission of transforming the revenue cycle through advanced AI solutions.

Experience

senscript .ai

AI/ML INTERN

06/2025 - Present

NEXT GEN INTELLIGENCE SYSTEMS

- Developed modular AI systems including an automated email bot, smart chatbot with semantic multi-file Q&A, and fast vector-based data querying.

InfinoTech Solutions

Digital Marketing Intern

05/2023 - 06/2023

Internship involving various aspects of digital marketing

- Completed internship in digital marketing, focusing on SEO
- Worked on social media strategy and content creation to drive online engagement

Education

ST THOMAS PUBLIC SCHOOL PERUMBAVOOR

CBSE 10th Board

06/2018 - 05/2019

MGM HIGHER SECONDARY SCHOOL PERUMBAVOOR

Plus Two

06/2019 - 05/2021

ADI SHANKARA INSTITUTE OF ENGINEERING AND TECHNOLOGY, KALADY

B.Tech in Computer Science Engineering(Artificial Intelligence)

09/2021 - 05/2025

Languages

English Native ●●●●●

Malayalam Native ●●●●●

Hindi Proficient ●●●●●

Tamil Advanced ●●●●●

Skills

Adobe After Effects, Canva, Java, JavaScript, Jupyter Notebook, Matplotlib, Microsoft Power Point, Numpy, Pandas, Photoshop, Python Scikit-Learn, SEO, SQL, Video Editing, Visual Studio Code, Blender 3D

Projects

Face Mask Detection System

FaceMask Detection and Data Retrieval

- Developed a face mask detection system with 94% accuracy using Convolutional Neural Networks
- Trained on a diverse dataset to ensure robustness across different demographics and real-world scenarios

Room Safety Monitoring System

Multi-Sensor RoomSafety Monitor with Real-Time Alerts

- Designed a multi-sensor room safety monitoring system using machine learning
- Implemented real-time hazard detection and alerting for diverse indoor environments

Projects

Automated Email Bot System

Intelligent EmailProcessing with LLM-Driven Data Automation

- Built a dynamic email bot that reads emails, extracts attachments, and uses Gemini LLM to auto-generate Python code for data processing
- Implemented secure data execution and automated email replies with processed output using pandas and vectorized attachment handling..

E-commerce AI Shopping Assistant

SecureConversationalProduct QuerySystemusing Gemini and Streamlit

- Developed an AI-powered shopping assistant that answers user queries on uploaded product data using Gemini LLM with real-time Python code generation.
- Integrated secure Streamlit UI with sandboxed code execution, enhanced prompt engineering, and Excel data interaction.

Certifications

TINKERHUB CODING LEAGUE

COMPLETE BLENDER CREATOR

BLENDER BOOTCAMP

JAVASCRIPT

GENERATIVE AI

COMPUTER VISION

GEN AI