

Gokul Sunil Sodar

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Kavaradi Road, Pettah, Thiruvananthapuram, Kerala, India

PROFESSIONAL SUMMARY

Machine Learning enthusiast with a strong foundation in leveraging LLM APIs to create intelligent, AI-driven solutions. Experienced in integrating machine learning and AI capabilities within web applications to enhance functionality and interactivity. Shortlisted in the top coder list in college, with expertise in programming, machine learning, and automation. AWS Cloud Practitioner certified with hands-on experience in RPA using UiPath.

TECHNICAL SKILLS

Languages: C, C++, Java, Python, HTML, CSS.

AI & Machine Learning: LLMs, RAG, Langchain, Langflow, Pennylane, Scikit-learn.

Core Competencies: Problem-solving, Collaboration, Project Management, Communication Skills

PROFESSIONAL EXPERIENCE

UBGroup, Kuwait

Aug 2023 - Sep 2023

RPA Intern

Developed an invoice processing automation using UiPath, streamlining the document review and data extraction processes, resulting in significant time savings and improved accuracy. Gained hands-on experience in robotic process automation and process optimization.

KEY PROJECTS

Interactive Learning Chatbot

Developed a conversational AI chatbot with LLM APIs designed to assist users in a "teach-and-learn" framework, facilitating mutual learning and engagement.

Land Price Prediction Application

Built a land price prediction web app with a user-friendly front-end interface for entering land details and a back-end powered by an ML model trained on a US land price dataset from Kaggle. The application predicts land prices based on user input and displays the results on the front end

Quantum Encoding for ML-Based Intrusion Detection

Applied quantum encodings to ISCX datasets (2009–2016) and evaluated their impact on canonical ML models for intrusion detection. Compared performance with and without encodings, analyzing improvements in classification accuracy and efficiency.

Invoice Processing Automation Using UiPath

Developed an invoice processing automation as part of an internship at UBGroup, Kuwait. The automation streamlined document review and data extraction, significantly reducing processing time and enhancing accuracy.

EDUCATION & CERTIFICATIONS

Bachelor of Technology in Computer Science Engineering (Final Year)
VIT Vellore, India

AWS Certified Cloud Practitioner

EXTRACURRICULAR ACTIVITIES

Top Coder:

Got shortlisted in the top coders list in VIT.

School Chess Team:

Represented school in chess clusters, showcasing analytical and strategic skills.