

# Gokul Sunil Sodar

+91-963-317-8248 · gokulssodar@gmail.com · <https://portfolio-gokul.vercel.app/> ·

<https://www.linkedin.com/in/gokul-sunil-sodar/>

Kavaradi Road, Pettah, Thiruvananthapuram, Kerala, India

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## 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.

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## 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

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## 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.

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## 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.

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## EDUCATION & CERTIFICATIONS

**BTech Computer Science and Engineering (Final Year)**

VIT Vellore, India

**Indian Educational School, Kuwait**

Class X - 88.4%

Class XII - 95.6%

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## EXTRACURRICULAR ACTIVITIES

**Top Coder:**

Got shortlisted in the top coders list among all VIT campuses.

**AWS Certified Cloud Practitioner**