

# S NAVEEN GOWDA

+91 6363669561 • snaveengowda13063@gmail.com • linkedin.com/in/snaveengowda • github.com/EquineNaveen

## PROFESSIONAL EXPERIENCE

- URSC (ISRO), Bangalore, India: Project Trainee** Mar. 2025 – Present
- Built Generative and Agentic AI apps (Gyaan Meet, Doc, Coder, Admin) with Team Gyaan.
  - Researched LLM intelligence via question-based evaluation.
  - Developed a CNN model for bone fracture detection with SHAP-based explainability.
  - Created LightRAG-powered chatbots for internal research support.
- Rooman Technologies, Bangalore, India: AI and Machine Learning Intern** Sept. 2024 – Mar. 2025
- Completed the internship focused on machine learning, deep learning, and NLP.
  - Gained hands-on experience on sentiment analysis, image classification, RNNs, and unsupervised learning techniques such as clustering and PCA.
- Unifirst Robotics, Bangalore, India: Robotics with AI Intern** Oct. 2023 – Nov. 2023
- Designed robotic circuits in Tinkercad using components like Arduino, HCSR04, L298N, Bluetooth/IR sensors.
  - Developed and tested hardware prototypes, optimized debugging and integration of sensing and control modules.
- Varcons Technology, Remote: Full Stack Developer Intern** Jun. 2024 – Jul. 2025
- Built a responsive, cross-platform template for a retro gaming site using HTML, CSS, JavaScript, and Bootstrap.
  - Engineered the template to ensure responsiveness and cross platform compatibility.

## ACADEMIC PROJECTS

- Smart Health Assistance-AI Medical Chatbot with Graph Database** 2025
- Built a production-ready LangGraph system for symptom and vital based medical assistance.
- Built a LangGraph system to analyze symptoms/vitals and generate insights via Google Gemini.
  - Modeled patient data as graph in Neo4j for efficient retrieval and longitudinal tracking.
  - Tech stack: LangGraph, Google Gemini, LangChain, Neo4j, Python, Streamlit.
- Phishing Link and Message Detection Browser Extension** 2024
- Built a phishing detection browser extension using a BERT-based model and integrated web stack.
- Developed extension with HTML, CSS, JavaScript, and Flask.
  - Used BERT for URL classification with Transformers and PyTorch.
  - Handled data with NumPy and integrated CV, Flask-CORS for communication and version control.

*Several other projects available on my GitHub: [github.com/EquineNaveen](https://github.com/EquineNaveen)*

## TECHNICAL SKILLS

**Programming Languages:** Python, Java, C

**Tools & Frameworks:** Scikit-Learn, TensorFlow, Hugging Face, OpenCV, Docker, FastAPI, Flask

**Machine Learning & Deep Learning:** Model Development, Neural Networks, NLP, Deployment

**Generative and Agentic AI:** Finetuning LLM, LangChain, LangGraph, crewAI, Phidata, LangSmith, NLP, Vector Databases, Graph Databases, RAG, Azure AI foundry, LightRAG, Unsloth, BitsandBytes, Azure cloud

## ACTIVITIES & ACHIEVEMENTS

- Hackathon Competitions** 2023 – 2025
- Demonstrated leadership and innovation across multiple hackathons
- Led the team to victory in VIT Hackathon, showcasing problem-solving and technical skills.
  - Participated in several other hackathons, sharpening rapid prototyping and AI integration abilities.

## EDUCATION

**Bachelor of Engineering in Artificial Intelligence @ Vemana Institute of Technology**  
Bengaluru, Karnataka