POOJIT JAGADEESH NAGALOTI

🌐 **Portfolio** ✉ poojitnagaloti611@gmail.com in **LinkedIn** ⭘ **GitHub** 📱 +91 9538212512

EDUCATION

Cambridge Institute Of Technology, Bangalore	**2021 - 2025**
B.E in Electronics & Communication Engineering	*8.7/10 CGPA*
BVVS Independent PU College, Bagalkot	**2019 - 2021**
Class 12	*89%*
Art and Cultural High School, Ilkal	**2018 - 2019**
Class 10	*88.36%*

WORK EXPERIENCE

ANGSTROMERS ENGINEERING SOLUTIONS Jun 2024 – Feb 2025

Trainee Engineer *Bangalore*
- Supported development of AI-based camera vision systems and microcontroller-integrated models.
- Built and tested embedded solutions using **Arduino**, **Python**, and **OpenCV** for client demos.
- **Trained over 30 students** and professionals at **Mercedes-Benz** on AI fundamentals, real-time speech/image processing, and model integration into edge devices.
- Conducted benchmarking of model accuracy and performance in edge deployments.

AI 10 May 2024 – Nov 2024

Junior Consultant *Bangalore*
- Executed SEO campaigns and keyword optimization for AI product landing pages.
- Built responsive **front-end** prototypes in HTML/CSS, integrated **Google Analytics & Ads**.
- Collaborated with the **marketing strategists** to align customer goals with technical product flows.
- Conducted competitive research and market mapping across **EdTech** and **FinTech** sectors.

PROJECTS

1. **AI Resume Evaluation System | LINK**
   - Built an **AI-powered resume evaluation system** using **FastAPI** and **OpenAI GPT** models to assess candidate-job relevance based on natural language matching and extracted skills.
   - **Integrated PDF/DOCX parsing, experience extraction, and GPT-based scoring logic**, enabling accurate, automated matching of resumes to job descriptions.

2. **AI Meeting Scheduler | LINK**
   - Built a full-stack AI assistant to schedule meetings via natural language using **LangGraph, Gemini 1.5 Flash, and Streamlit**.
   - Integrated **Google Calendar API** for real-time availability, conflict detection, and **automatic event creation with link** sharing.
   - Deployed on **Render** with chat-based **UI and memory** for multi-turn interactions, handling both backend and frontend logic.

3. **Real-time Language Translator | LINK**
   - Developed multilingual speech-to-speech app using **SpeechRecognition, gTTS, and Google Translate API.**
   - Integrated live mic **input, translation**, and audio output for instant feedback across **multiple languages.**
   - Useful for Language learning, communication across language barriers and real-time translation needs.

TECHNICAL SKILLS

Languages : Python, C, Java (Basic), SQL, HTML, CSS.
Frameworks : FastAPI, Streamlit, Flask, LangChain, TensorFlow, React, Node.js.
Tools & Platforms : GitHub, Jupyter, VS Code, Google Colab, Arduino IDE, MySQL, AWS.
Digital Marketing : SEO, Google Ads, Analytics

CERTIFICATIONS

- ❖ Software Engineering, By HP Enterprise (Forage).
- ❖ Developer and Technology, By Accenture (Forage).
- ❖ CameraVision, By Microsoft Azure AI Fundamentals.
- ❖ AI Image and Speech Recognition, By Angstromers Engineering Solutions.