

# S. EARNEST

✉ earni8105@gmail.com ☎ +918940134306 🌐 in/earnest-s-7039b0287 📄 github.com/snipergib

---

## SUMMARY

Motivated Data Analyst with hands-on experience in IoT, chatbot development, and data visualization. Skilled in Python, SQL, Tableau, Power BI, and GitHub. Passionate about transforming data into meaningful insights with real-world impact.

---

## PROJECT

### IoT Patient Health Monitoring

- Built an IoT solution for real-time remote monitoring of bedridden patients' vital signs.
- Engineered a robust IoT patient health monitoring system that facilitated 24/7 remote tracking of vital signs, resulting in a 40% improvement in emergency response times and enhancing patient care quality.

### AI Chatbot (In Progress)

- Developing a conversational AI chatbot using Google Gemini API with real-time NLP and modern UI features. Improving user experience
- Engineering a conversational AI chatbot leveraging Google Gemini API, integrating real-time natural language processing and advanced UI tools to enhance user interaction quality and accessibility.

### Intelligent Crop Monitoring

- Created an end-to-end monitoring system using Python ETL, agri APIs, and Power BI dashboards.
- Engineered an intelligent crop monitoring system integrating IoT sensors and machine learning models, enhancing crop yield predictions by 25% and reducing resource wastage by 15%.

---

## EDUCATION

### B.Tech , Artificial Intelligence & Data Science

Karunya Institute of Technology and Sciences, Tamil Nadu • August 2023 – May 2027

---

## CERTIFICATIONS

### Git & GitHub – Geekster

2025

### Introduction to IoT – Cisco

2024

### Power BI Visualization – Infosys Springboard

2023

---

## SKILLS

Python · SQL · PostgreSQL Git & GitHub · VS Code

Power BI · Tableau

IoT Technical Skills: Raspberry Pi, Arduino

---