

# Lingabarani M G

+91 6380854727 | [lingabaraniak@gmail.com](mailto:lingabaraniak@gmail.com) | [linkedin.com/in/lingabarani/](https://linkedin.com/in/lingabarani/) | [GitHub](#) | [Portfolio](#)

## Profile

---

A computer science graduate skilled in **Python**, **machine learning**, and **data analysis**. Experienced in **predictive modeling**, **exploratory data analysis**, **SQL**, **Power BI**, **Streamlit**, and **Flask**, with strong expertise in **data cleaning**, **feature engineering**, and **automation** for real-world problem solving.

## Experience

---

### Data Analyst Intern — [Elevate Labs](#)

Jul 2025 – Dec 2025

- Built a **CRUD analytics dashboard** using **SQL**, **Python**, and **Power BI** to analyze 1,000+ records.
- Automated **data cleaning and reporting**, reducing manual effort by **30%**.

### AI/ML Intern — [Evoastra Ventures](#)

Oct 2025 – Jan 2026

- Trained and evaluated **machine learning models** in **Python**, achieving up to **92% accuracy**.
- Applied **data preprocessing**, **feature engineering**, and **model evaluation**.

## Education

---

### Kongu Engineering College, Erode

2022 – 2025

*Bachelor of Science in Computer Technology - CGPA: 7.38*

## Technical Skills

---

**Languages:** Python (Pandas, NumPy, Scikit-learn, TensorFlow, Matplotlib, Seaborn), C, JavaScript

**Data Analytics:** Data Cleaning, Statistical Analysis, Predictive Modeling, Dashboarding, Reporting

**Database Management:** SQL, MySQL, MongoDB, Database Design

**Developer Tools:** Power BI, Advanced Excel (Pivot Tables, Dashboards), Jupyter, VS Code

**Version Control:** Git, GitHub

**Soft Skills:** Problem Solving, Analytical Thinking, Communication, Teamwork, Adaptability

## Projects

---

- **Multiple Disease Prediction System** – Developed and deployed an end-to-end **machine learning** application using **Python**, **Scikit-learn**, and **Streamlit**. Performed **data cleaning**, **feature engineering**, and model training to predict **Diabetes**, **Heart Disease**, and **Parkinson's** with **92% accuracy**. [Live App]
- **Digital Doc** – Designed a data-driven healthcare web platform with **structured database management**. Built interactive **Power BI dashboards** to analyze disease trends, generate reports, and support **data-driven decision making**. [Live App]
- **Educonnect.AI** – Implemented a **Flask-based** full-stack application integrating **NLP**, **text extraction**, and assistive AI features such as **sign-to-speech**. Focused on accessibility, automation, and scalable backend design. [GitHub]
- **Fake News Detection** – Built a **machine learning** model using **NLP** and **supervised learning algorithms** to classify news articles. Applied **text preprocessing**, **feature extraction**, and model evaluation to detect misinformation with improved accuracy. [GitHub]

## Certification Highlights

---

- Presented a paper on “*Blue Brain Technology*” at Sri Ramakrishna College Tech Conference, 2022.
- Presented a paper on “*Quantum Computing: An In-depth Exploration*” at Karpagam Institute of Technology, 2023.
- Completed Tata GenAI Data Analytics Virtual Program on Forage, gaining AI insights and ethical analytics skills.
- Completed [Deloitte Data Analytics Simulation](#) via Forage, applying forensic and data analysis skills.

## Achievements

---

- Published research paper [Cutting-Edge ML Methods for Liver Disease Forecasting](#) in **IEEE Xplore**.
- Awarded Second Prize at SKCET for presenting [Personal AI Assistant using Streamlit](#) integrating NLP and APIs.
- Won Third Prize leading NLP project detecting depression signs with ML models, enhancing diagnosis accuracy.
- Participated in technical events, hackathons, Naan Mudhalvan initiative, winning prizes and contributing projects.

## Personal Traits

---

- Strong in algorithms, clean coding, detail-oriented in building reliable, high-quality, and efficient software solutions.
- Continuous learner, effective communicator, team player, skilled in Agile, Git workflows, solving problems efficiently.