

# Lingabarani M G

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## PROFILE

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I'm a Computer Science graduate with a growing passion for data analysis and predictive modeling. I enjoy exploring data, finding patterns, and turning numbers into meaningful stories that help make smarter decisions. I'm always learning and staying updated with tools like Python, SQL, and Power BI, and I'm excited to use these skills to solve real-world problems and contribute to impactful projects.

## EDUCATION

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<b>Kongu Engineering College, Perundurai, Tamil Nadu</b> <i>B.Sc in Computer Technology - CGPA: 7.38</i>	2022 – 2025
<b>Bharathi Matriculation Hr. Sec. School, Erode</b> <i>HSC: 58.6% — SSLC: 78.4%</i>	2019 – 2022

## TECHNICAL SKILLS

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**Languages:** C, Python, JavaScript

**Machine Learning & Data Science:** Pandas, NumPy, Scikit-learn, TensorFlow, Streamlit, Flask, Predictive Modeling

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

**Developer Tools:** Advanced Excel, Power BI, Jupyter, VS Code

**Version Control:** Git, GitHub

**Soft Skills:** Leadership, Communication, Adaptability, Teamwork

## PROJECTS

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- **Multiple Disease Prediction System** – Built and deployed a Streamlit web app predicting diseases like Diabetes, Heart Disease, and Parkinson's using ML models. Live app: [Multiple Disease Prediction System](#)
- **Digital Doc** – Built a health support website offering suggestions via Normal and Ayurvedic approaches. Integrated a smart search to give users personalized health tips. Recognized at a college innovation event for creativity in healthcare. Live app: [Digital Doc](#)
- **Educonnect.Ai** – A Flask-based capstone project enhancing inclusive learning with sign-to-speech, text extraction, and smart tools that simplify academic tasks and empower students, including those with disabilities. GitHub: [AI](#)
- **Fake News Detection** – Fake news detection using machine learning helps identify misinformation by analyzing article content with NLP and supervised learning techniques for improved media integrity. GitHub: [F N Detection](#)

## INTERNSHIP & CERTIFICATION HIGHLIGHTS

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- **The Website Makers** – Developed a data-driven CRUD dashboard with SQL, Python, and Power BI for insights.
- Presented a paper on “*Blue Brain Technology*” at Sri Ramakrishna College Tech Conference, 2022.
- Presented a project-based paper on “*Exploring the Boundaries of Reality*” at Sri Krishna College, 2024.
- Presented a paper on “*Quantum Computing: An In-depth Exploration*” at Karpagam Institute of Technology, 2023.

## ACHIEVEMENTS

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- 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.
- Participated in technical events, hackathons, Naan Mudhalvan initiative, winning prizes and contributing projects.

## PERSONAL TRAITS

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- Strong in algorithms and clean coding, ensuring detail-oriented, high-quality, and maintainable software solutions.
- Continuous Learner: Self-driven with a passion for exploring and mastering new technologies and tools.
- Effective communicator skilled at simplifying complex problems into clear, understandable, and practical solutions.
- Team player experienced in Agile and Git workflows, ensuring collaboration and smooth project delivery.