

Giritharan Mani

Bengaluru, KA | +91 8778451561 | giritharanmani1@gmail.com | [Portfolio](#)

“Transforming data into business value through intelligence, automation, and strategy”

PROFESSIONAL SUMMARY

Versatile and results-driven professional with strong skills in data analysis, business strategy, Python development, and AI/ML systems. Experienced in turning data into clear insights, building smart tools, and improving business performance. Known for creating solutions that simplify decisions, save time, and drive real results across both technical and business teams.

SKILLS

- **Analytics & Data Science:** Python, SQL, Pandas, NumPy, Scikit-learn
- **Business Intelligence:** Tableau, Power BI, Excel, Google Analytics, Looker
- **AI Engineering:** GPT, LangChain, Hugging Face, RAG Systems, Prompt Engineering
- **Machine Learning:** TensorFlow, Keras, NLP, Time Series, Computer Vision
- **Soft Skills:** Critical Thinking & Problem Solving, Collaboration & Teamwork, Leadership, Effective Communication

INTERNSHIP EXPERIENCE

AI Engineer Intern - *Allied Worldwide, Bengaluru*

FEBRUARY 2025 - PRESENT

- Built an AI-powered LinkedIn outreach system to boost sales automation.
- Processed raw lead data and automated customer support reports & saved 5+ hours/week.
- Structured CRM data pipelines, improving decision speed and efficiency.

Machine Learning Engineer Intern - *Kovan Labs, Coimbatore*

MARCH 2024 - AUGUST 2024

- Developed RAG-based LLM system using fine-tuned LLaMA models.
- Cut manual support workload by 65% through intelligent automation.
- Collaborated with engineers to ensure clean, validated datasets.

Machine Learning Research Intern - *Kyungpook National University, South Korea*

DECEMBER 2022

- Conducted data preparation and feature engineering on structured datasets.
- Improved model accuracy by 15% through pattern analysis and optimization.
- Explored model interpretability for global AI research outcomes.

Data Analyst Intern- *Lenovo, Pondicherry*

AUGUST 2022

- Automated inventory reports using Excel, Python, and Tableau.
- Reduced manual reporting time by 30% with dynamic dashboards.
- Identified insights in manufacturing data to support operational decisions.

PROJECTS

AI-Powered LinkedIn Lead Generator 🔗

- Developed Python-based lead automation with scoring and outreach.
- Improved lead quality by 85%, saving 70% time.

Lithium Battery RUL Prediction 🔗

- Built predictive model with 94% accuracy for EV batteries.
- Achieved 32% cost savings via preventive analytics.

RAG-Based Customer Support Bot 🔗

- Fine-tuned LLMs for automated support using RAG architecture.
- Reached 92% response accuracy and 65% resolution rate.

EDUCATION

B.Tech Artificial Intelligence and Data Science - *Jai Shriram Engineering College*

Grade: **8.43/10** - OCTOBER 2021 - MAY 2025

Relevant Coursework: Machine Learning, Data Visualization, Data Modeling, Probability and Statistics, Big Data Analytics, Database Management Systems

CERTIFICATIONS

- Google Business Intelligence Specialization - JULY 2024
- Google Data Analytics Professional Certificate – APRIL 2024
- Microsoft AI Skill Challenge - AUGUST 2023
- Alison Python for Data Science - JUNE 2023
- Programming Techniques from Bharathidasan University - MARCH 2016

ACHIEVEMENTS

- **GDSC Lead** and **MLSA**, spearheading technology-driven events and workshops.
- **Winner of Project Presentation** at Nandha College of Technology for an AI-driven Stock Market Prediction model.
- **Top 5 in AWS DeepRacer 2.0 League** during a 48-hour Bootcamp organized by KGISL.
- **First Place in Googleathon Hackathon**, developing a Food donation application.
- **Kamarajar Award** for excellence in both academics and extracurricular activities.
- **School Topper** in both **SSLC (89%)** and **HSC (91%)** exams.
- **NCC Cadet** for three years, attending two national camps.